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## Product Datasheet

### **STAT3 / Signal Transducer and Activator of Transcription 3 (STAT3/2409), CF405S conjugate, 0.1mg/mL, IgG2b, Clone: [STAT3/2409], Mouse, Monoclonal BOT-BNC042409-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | STAT3 / Signal Transducer and Activator of Transcription 3 (STAT3/2409), CF405S conjugate, 0.1mg/mL, IgG2b, Clone: [STAT3/2409], Mouse, Monoclonal                                                                                                            |
| Biozol Catalog Number      | BOT-BNC042409-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC042409-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC042409-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant full-length human STAT3 protein                                                                                                                                                                                                                   |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | The specificity of this monoclonal antibody to its intended target was validated by HuProt(TM) Array, containing more than 19,000, full-length human proteins. STAT3 is a member of the STAT protein family. In response to cytokines and growth factors, ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone Designation | [STAT3/2409]                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Molecular Weight  | 88 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype           | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UniProt           | <a href="#">P40763</a>                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistology (formalin): 1-2 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user |