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## Product Datasheet

### **SMAD4 (Pancreatic Adenocarcinoma Marker) Antibody, IgG2a, Clone: [SPM448], Mouse, Monoclonal NBT-4089-MSM1X-P0**

|                            |                                                                                                                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | SMAD4 (Pancreatic Adenocarcinoma Marker) Antibody, IgG2a, Clone: [SPM448], Mouse, Monoclonal                                                                                                                                                                             |
| Biozol Catalog Number      | NBT-4089-MSM1X-P0                                                                                                                                                                                                                                                        |
| Supplier Catalog Number    | 4089-MSM1X-P0                                                                                                                                                                                                                                                            |
| Alternative Catalog Number | NBT-4089-MSM1X-P0-20,NBT-4089-MSM1X-P0-100                                                                                                                                                                                                                               |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                                    |
| Category                   | Antikörper                                                                                                                                                                                                                                                               |
| Application                | IHC                                                                                                                                                                                                                                                                      |
| Species Reactivity         | Human                                                                                                                                                                                                                                                                    |
| Immunogen                  | Recombinant full-length human STAT6 protein                                                                                                                                                                                                                              |
| Product Description        | Signaling from the ligand-activated membrane receptor serine/threonine kinases to nuclear targets is mediated by a set of evolutionarily conserved proteins known as DPC4. Upon ligand binding, the receptors of the TGF-A <sup>o</sup> family phosphorylate SMAD pro... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                               |
| Clone Designation          | [SPM448]                                                                                                                                                                                                                                                                 |
| Molecular Weight           | 61kDa                                                                                                                                                                                                                                                                    |
| Isotype                    | IgG2a                                                                                                                                                                                                                                                                    |

|                   |                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">4089</a>                                                                                                                                                                                                                                           |
| UniProt           | <a href="#">Q13485</a>                                                                                                                                                                                                                                         |
| Form              | 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                         |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                                                            |
| Application Notes | Immunohistology (Formalin-fixed) (1-2ug/ml for 30 min at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a specific appl |