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## Product Datasheet

### **Insulin / IRDN (beta-Cell & Insulinoma Marker) Antibody, IgG1, Clone: [E2-E3+2D11-H5, same as INS04+INS05], Mouse, Monoclonal NBT-3630-MSM3-P0**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Insulin / IRDN (beta-Cell & Insulinoma Marker) Antibody, IgG1, Clone: [E2-E3+2D11-H5, same as INS04+INS05], Mouse, Monoclonal                                                                                                                                 |
| Biozol Catalog Number      | NBT-3630-MSM3-P0                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | 3630-MSM3-P0                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | NBT-3630-MSM3-P0-20,NBT-3630-MSM3-P0-100                                                                                                                                                                                                                      |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Bovine, Human, Mouse, Porcine, Rabbit                                                                                                                                                                                                                         |
| Immunogen                  | Purified pig insulin, conjugated to KLH (E2-E3 & 2D11-H5)                                                                                                                                                                                                     |
| Product Description        | Recognizes a polypeptide which is identified as insulin, a 51-amino acid polypeptide composed of A and B chains connected through the C-peptide. Proinsulin, which has very little biological activity, is cleaved by proteases within its cell of origin ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [E2-E3+2D11-H5, same as INS04+INS05]                                                                                                                                                                                                                          |
| Molecular Weight           | 6kDa                                                                                                                                                                                                                                                          |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">3630</a>                                                                                                                                                                                                                                          |
| UniProt           | <a href="#">P01308</a>                                                                                                                                                                                                                                        |
| Form              | 200ug/ml of Ab Purified from Bioreactor Concentrate. 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 | Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes), Optimal dilution f |