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## Product Datasheet

### **CD47 / IAP (Integrin Associated Protein) Antibody, IgG1, Clone: [IAP/964 + B6H12.2], Mouse, Monoclonal NBT-961-MSM3-P1ABX**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD47 / IAP (Integrin Associated Protein) Antibody, IgG1, Clone: [IAP/964 + B6H12.2], Mouse, Monoclonal                                                                                                                                                        |
| Biozol Catalog Number      | NBT-961-MSM3-P1ABX                                                                                                                                                                                                                                            |
| Supplier Catalog Number    | 961-MSM3-P1ABX                                                                                                                                                                                                                                                |
| Alternative Catalog Number | NBT-961-MSM3-P1ABX-100                                                                                                                                                                                                                                        |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, Functional Studies, IF, WB                                                                                                                                                                                                                                |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human IAP protein (IAP/964), Intact CD47 Purified from placenta (B6H12.2)                                                                                                                                                                         |
| Product Description        | This antibody reacts with Ig domain of CD47 protein. CD47, originally named integrin-associated protein (IAP), is a 50kDa protein containing five membrane-spanning sequences and a short cytoplasmic tail. CD47 plays a role in both cell adhesion by act... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [IAP/964 + B6H12.2]                                                                                                                                                                                                                                           |
| Molecular Weight           | ~50kDa                                                                                                                                                                                                                                                        |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">961</a>                                                                                                                                                                                          |
| UniProt           | <a href="#">Q08722</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 | Functional Studies (Order Ab without Azide), Western Blot (1-2ug/ml), Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), Optimal dilution for a specific application should be determined. |