

# Product Datasheet

## **TAG-72 Antibody (rB72.3) [Alexa Fluor® 647] NBP3-08565AF647**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08565AF647**

TAG-72 Antibody (rB72.3) [Alexa Fluor® 647]

| Product Information     |  |
|-------------------------|--|
| Unit Size               | 100 ul   |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage                 | Store at 4C in the dark.   |
| Clonality               | Monoclonal   |
| Clone                   | rB72.3   |
| Preservative            | 0.05% Sodium Azide   |
| Isotype                 | IgG1 Kappa   |
| Conjugate               | Alexa Fluor 647  |
| Purity                  | Protein A or G purified  |
| Buffer                  | 50mM Sodium Borate   |
| Product Description     |  |
| Host                    | Mouse  |
| Species                 | Human, Rat, Bovine, Canine, Hamster  |
| Specificity/Sensitivity | Recognizes an oncofetal antigen of 220kDa, identified as a tumor-associated glycoprotein (TAG-72) with properties of a mucin. This monoclonal antibody defines the mucin-carried sialylated-Tn epitope. TAG-72 is usually expressed by adenocarcinomas, but is negative in mesotheliomas. Studies have reported that this antibody has 80% sensitivity and 93% specificity for pulmonary adenocarcinoma. Therefore, TAG-72 is a useful marker to distinguish between mesothelioma and adenocarcinoma. However, false positive reactions can occur so results must be interpreted with the utmost caution. This antibody may be useful in the differentiation of non-small cell carcinomas from small cell carcinomas of the lung. The combined use of anti-TAG-72 and anti-GCDFP-15 is valuable in the diagnosis of apocrine carcinoma.  |
| Immunogen               | Membrane-enriched fraction of a human breast carcinoma liver metastasis  |
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**Product Application Details**

|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b> | Immunohistochemistry-Paraffin  |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined. |



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### Products Related to NBP3-08565AF647

|        |   |
|--------|---|
| IC002R | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647] |
|--------|---|

### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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