

## Product Datasheet

# TAG-72 (Tumor-Associated Glycoprotein) Antibody (orb1712774)

<b>Catalog Number</b>	orb1712774
<b>Category</b>	Antibodies
<b>Description</b>	TAG-72 (Tumor-Associated Glycoprotein); Clone B72.3 & CC49 (Concentrate)
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1, kappa (B72.3 & CC49)
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Bovine, Canine, Human, Rat
<b>Immunogen</b>	TAG-72 protein (B72.3 & CC49)
<b>Application notes</b>	Jurkat cells, breast or lung carcinoma.
<b>Specificity</b>	Recognizes an oncofetal antigen of 220kDa, identified as a tumor-associated glycoprotein (TAG-72) with properties of a mucin. This 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 degree of caution.
<b>Clone Number</b>	B72.3 & CC49
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

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**Note** For research use only

**Expiration Date** 12 months from date of receipt.

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