

## Product Datasheet

# TAG-72 / CA72.4 (Tumor-Associated Glycoprotein) Antibody (orb1711814)

<b>Catalog Number</b>	orb1711814
<b>Category</b>	Antibodies
<b>Description</b>	TAG-72 / CA72.4 (Tumor-Associated Glycoprotein); Clone SPM148 (Concentrate)
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1, kappa.
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Bovine, Canine, Hamster, Human, Rat
<b>Immunogen</b>	Membrane-enriched fraction of a human breast carcinoma liver metastasis.
<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. 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.
<b>Clone Number</b>	SPM148.
<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.
<b>Note</b>	For research use only

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**Expiration Date**

12 months from date of receipt.

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