

Product Datasheet

TAG-72 (Tumor-Associated Glycoprotein) Antibody (orb1712092)

Catalog Number	orb1712092
Category	Antibodies
Description	TAG-72 (Tumor-Associated Glycoprotein); Clone B72.3 (Concentrate)
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1, kappa
Conjugation	Unconjugated
Reactivity	Bovine, Canine, Hamster, Human, Rat
Immunogen	Membrane-enriched fraction of a human breast carcinoma liver metastasis
Application notes	Jurkat cells, breast or lung carcinoma.
Specificity	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.
Clone Number	B72.3
Storage	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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