

Product datasheet

Anti-TAG72 antibody [B72.3] ab691

11 References

Overview

Product name	Anti-TAG72 antibody [B72.3]
Description	Mouse monoclonal [B72.3] to TAG72
Host species	Mouse
Specificity	This antibody recognises an oncofetal antigen of >1,000kDa, identified as a Tumor-Associated Glycoprotein (TAG-72) with the properties of a mucin. Weak or no reactivity has been observed with most cell types of normal adult tissue excepting the secretory endometrium.
Tested applications	Suitable for: IHC-P, IHC-Fr
Species reactivity	Reacts with: Rat, Hamster, Human
Immunogen	Membrane-enriched fraction of a human breast carcinoma liver metastasis
Positive control	Lung carcinoma or breast cancer.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: Proprietary, not sodium azide or thimerosal. Constituents: PBS, Tissue Culture Supernatant. pH 7.3, Protein carrier.
Clonality	Monoclonal
Clone number	B72.3
Myeloma	P3-NS1/1-Ag4-1
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab691** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/100. Perform enzymatic antigen retrieval before commencing with IHC staining protocol. Incubation for 30-60 minutes at room temperature is recommended.
IHC-Fr		Use at an assay dependent concentration.

Target

Relevance	The majority of human adenocarcinomas including colorectal, pancreatic, gastric, ovarian, endometrial, mammary, and non-small cell lung cancer display some cell populations that are positive for TAG72. About 60% of carcinoma patients express TAG72 in their sera. TAG72 is reportedly useful in distinguishing pulmonary adenocarcinomas from pleural mesotheliomas.
Cellular localization	Cytoplasmic

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