

## Product datasheet

# Anti-TAG72 antibody [B72.3] ab691

### 11 References

#### Overview

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<b>Product name</b>	Anti-TAG72 antibody [B72.3]
<b>Description</b>	Mouse monoclonal [B72.3] to TAG72
<b>Specificity</b>	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.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, IHC-Fr
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Hamster, Human
<b>Immunogen</b>	Membrane-enriched fraction of a human breast carcinoma liver metastasis
<b>Positive control</b>	Lung carcinoma or breast cancer.

#### Properties

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

#### Applications

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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

<b>Relevance</b>	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.
<b>Cellular localization</b>	Cytoplasmic

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