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.
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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