

Product datasheet

Mouse monoclonal GG-5 Anti-Human IgG heavy chain (Alkaline Phosphatase) ab49365

Overview

Product name	Mouse monoclonal GG-5 Anti-Human IgG heavy chain (Alkaline Phosphatase)
Target species	Human
Specificity	Specific for a determinant on the heavy chain of human IgG. No cross reactivity with other human immunoglobulins or serum proteins.
Tested applications	Suitable for: WB, ELISA, IHC-P, Dot blot
Immunogen	Human IgG isolated from pooled normal human serum
Positive control	Human tonsil
Conjugation	Alkaline Phosphatase

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 15mM Sodium Azide Constituents: 50% Glycerol, 1% BSA, 0.05M Tris buffered saline, 1mM Magnesium chloride, pH 8.0
Purity	IgG fraction
Purification notes	The immunoglobulin fraction of the ascites fluid was obtained by fractionation and then conjugated to Alkaline Phosphatase using 0.2% glutaraldehyde.
Clonality	Monoclonal
Clone number	GG-5
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab49365** 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
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WB

ELISA

IHC-P

Dot blot

Application notes

Dot: 1/80000.
ELISA: 1/50000.
IHC-P: 1/50.
WB: (chemiluminescent) 1/80000.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

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