

Immunoglobulin Gamma (IgG) Heavy Chain Antibody

Mouse Monoclonal Antibody [Clone IG217 + IG266]

Catalog No	Format	Size
3500-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3500-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3500-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

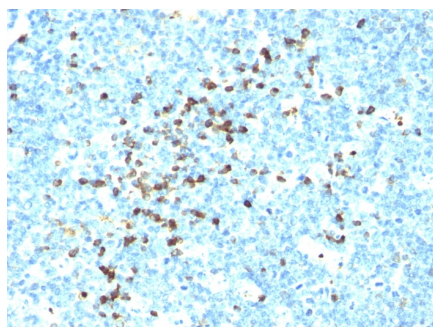
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	IG217 + IG266
Gene Name	IGHG1
Immunogen	Purified human IgG
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1, IgG2a / Kappa
Mol. Weight of Antigen	75kDa
Cellular Localization	Cell membrane, Secreted
Species Reactivity	Human
Positive Control	293T, Raji or hPBL cells. Tonsil or Spleen.

*Optimal dilution for a specific application should be determined.

Product Images for Immunoglobulin Gamma (IgG) Heavy Chain Antibody



Formalin-fixed, paraffin-embedded human Tonsil stained with IgG Monoclonal Antibody (IG217 + IG266)

Specificity & Comments

This MAb is specific to heavy chain of IgG and shows minimal cross-reaction with heavy chains of other immunoglobulins. It is reactive with all subclasses of Gamma heavy chain (IgG1, IgG2a, IgG2b, IgG3). The most common feature of plasmacytomas, and certain non-Hodgkin's lymphomas is the restricted expression of a single heavy chain class. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is clonal and therefore malignant. Ab-3 is superb for staining of formalin-fixed tissues.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in humans or in clinical diagnosis. There are no warranties, expressed or implied, which extend beyond this description. NeoBiotechnologies is not liable for any property damage, personal injury, or economic loss resulting from this product.