

## 36-1273: Monoclonal Antibody to IgG (Immunoglobulin Gamma Heavy Chain) (B-Cell Marker)(IG217 + IG266)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IG217 + IG266
<b>Application :</b>	FACS,IF,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	IGHG1
<b>Uniprot ID :</b>	P01857
<b>Format :</b>	Purified
<b>Alternative Name :</b>	IGHG1
<b>Isotype :</b>	Mouse IgG1, kappa + Mouse IgG2a, kappa
<b>Immunogen Information :</b>	Purified human IgG

### Description

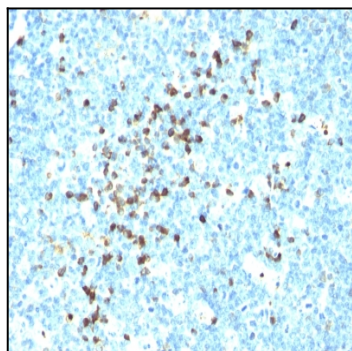
This MAb is specific to heavy chain of IgG and shows minimal cross-reaction with heavy chains of other immunoglobulins. It is reactive with all subclasses of gamma heavy chain (IgG1, IgG2a, IgG2b, IgG3). The most common feature of plasmacytomas, and certain non-Hodgkin's lymphomas is the restricted expression 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.

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Flow Cytometry (1ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes 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);



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