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

Clonality: Monoclonal
Clone Name: IG217 + IG266
Application: FACS,IF,IHC
Reactivity: Human
Gene: IGHG1
Uniprot ID: P01857
Format: Purified

Isotype: Mouse IgG1, kappa + Mouse IgG2a, kappa

IGHG1

Immunogen Information: Purified human IgG

Description

Alternative Name:

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

Amount : 100 μg

Purification: Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

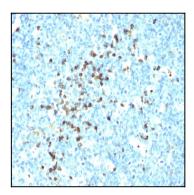
toxic.

Storage condition : 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)