Datasheet for ABIN6296844

anti-IGHG1 antibody

Go to Product page

Overview

Quantity:	100 µg
Target:	IGHG1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IGHG1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse anti-Human IgG Antibody [Sodium Azide Free]
Immunogen:	Purified human Ig Gamma Chain was used as the immunogen for this IgG antibody.
Specificity:	Cytoplasm, Cell Surface and Secreted
Purification:	Purified human Ig Gamma Chain was used as the immunogen for this IgG antibody.

Target Details

Target:	IGHG1
Alternative Name:	Immunoglobulin heavy constant gamma 1 (IGHG1 Products)
Background:	Target Description: Recognizes a protein of 75 kDa, identified as gamma heavy chain of human immunoglobulins. It reacts with all sub-classes of gamma chain of human immunoglobulins. It does not cross-react with alpha (IgA), mu (IgM), epsilon (IgE), or delta (IgD), heavy chains, T-

Target Details

	cells, monocytes, granulocytes, or erythrocytes. This mAb is useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin's lymphomas. The most common feature of these malignancies 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. Gene Symbol: IGHG1///IGHG2///IGHG3///IGHG4
Gene ID:	3500
UniProt:	P01857, P01859, P01860, P01861

Application Details

Application Notes:	Flow Cytometry: 0.5-1 µg/million cells in 0.1ml Immunofluorescence: 0.5-1 µg/mL Immunohistochemistry (Formalin/paraffin): 0.5-1 µg/mL for 30 minutes at RT (1) Prediluted format: incubate for 30 min at RT (2)
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.