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Datasheet for ABIN6296843  
**anti-IGHG1 antibody**

### Overview

Quantity:	7 mL
Target:	IGHG1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IGHG1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

### Product Details

Purpose:	Mouse anti-Human IgG Antibody [IHC only]
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 ( <a href="#">IGHG1 Products</a> )
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-cells, monocytes, granulocytes, or erythrocytes. This mAb is useful in the identification of

## Target Details

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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

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Gene ID: 3500

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UniProt: [P01857](#), [P01859](#), [P01860](#), [P01861](#)

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## Application Details

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Application Notes: Prediluted format : incubate for 30 min at RT (2)

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Restrictions: For Research Use only

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## Handling

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Buffer: Prediluted in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium azide, For IHC use only

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.

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