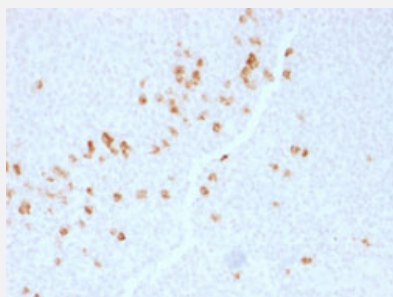


IGHG4 monoclonal antibody, clone IGHG4/1345

Catalog # MAB14819 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with IGHG4 monoclonal antibody, clone IGHG4/1345 (Cat # MAB14819).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human IGHG4.
Immunogen	Recombinant protein corresponding to full length human IGHG4.
Host	Mouse
Theoretical MW (kDa)	150
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with IGHG4 monoclonal antibody, clone IGHG4/1345 (Cat # MAB14819).

- Immunofluorescence
- Flow Cytometry

Gene Info — IGHG4

Entrez GeneID	3503
Protein Accession#	P01861
Gene Name	IGHG4
Gene Alias	MGC117419
Gene Description	immunoglobulin heavy constant gamma 4 (G4m marker)
Omim ID	147130
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [Evolution of immunoglobulin subclasses. Primary structure of a murine myeloma gamma1 chain.](#)

Adetugbo K.

The Journal of Biological Chemistry 1978 Sep; 253(17):6068.