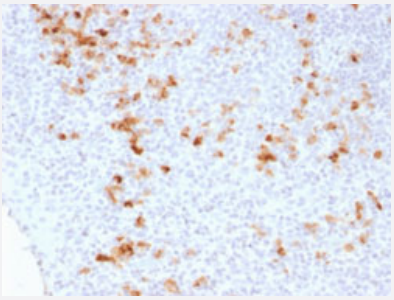
Kappa Light Chain monoclonal antibody, clone KLC1278

Catalog # MAB14564 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with Kappa Light Chain monoclonal antibody, clone KLC1278 (Cat # MAB14564).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human Kappa Light Chain.
Immunogen	Recombinant protein corresponding to full length human Kappa Light Chain .
Host	Mouse
Theoretical MW (kDa)	~22.5
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with Kappa Light Chain monoclonal antibody, clone KLC1278 (Cat # MAB14564).

- Flow Cytometry

Gene Info — IGKC

Entrez GeneID	3514
Protein Accession#	P01834
Gene Name	IGKC
Gene Alias	HCAK1, Km, MGC111575, MGC62011, MGC72072, MGC88770, MGC88771, MGC88809
Gene Description	immunoglobulin kappa constant
Omim ID	147200
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- Heterogeneity of immunoglobulin-associated molecules on human B cells identified by monoclonal antibodies.

  Nakamura T, Kubagawa H, Cooper MD.

  PNAS 1992 Sep; 89(18):8522.

- Monoclonal anti-Id antibodies react with varying proportions of human B lineage cells.

  Kiyotaki M, Cooper MD, Bertoli LF, Kearney JF, Kubagawa H.

  The Journal of Immunology 1987 Jun; 138(12):4150.

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Disease

- Dermatomyositis
- Genetic Predisposition to Disease
- Helicobacter Infections
- Polymyositis
- Purpura
- Sarcoidosis

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