

Mouse anti-Human Ig Kappa Light Chain Monoclonal Antibody

Anti-Hu Ig Kappa Light Chain PE-Cy7

CATALOG # AAA129171	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

Ig Kappa Light Chain; Monoclonal Antibody; Anti-Hu Ig Kappa Light Chain PE-Cy7; Immunoglobulin kappa; Igk; anti-Ig Kappa Light Chain antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Clone Number	TB28-2
Specificity	The antibody TB28-2 recognizes human Ig kappa light chains of both secreted and cell surface immunoglobulin. It detects also free kappa light chains.
Purity/Purification	The purified antibody is conjugated with tandem dye PE-Cy7 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide
Applicable Applications for anti-Ig Kappa Light Chain antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE-Cy7
Immunogen	Human IgG-kappa myeloma protein
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

ADDITIONAL INFORMATION

Related Product Information for anti-Ig Kappa Light Chain antibody	Immunoglobulin classes share the same basic four polypeptide chain structure of two heavy chains (five heavy chains types) and two light chains (kappa, lambda; both having a molecular weight of 22.5kDa). Kappa and lambda consist of a variable region and a constant region and can easily be differentiated by the antigenic properties of the constant region. The ratio of kappa to lambda is 70:30.
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References

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*Franklin EC: Structure and Functional Application (FUNC)tion of immunoglobulins. Acta Endocrinol Suppl (Copenh). 1975;194:77-95., URL: <https://www.ncbi.nlm.nih.gov/pubmed/476900>

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/ig-kappa-light-chain-antibody-clone-tb28-2-flow-cytometry-elisa/129171>