ARG63046
Mouse anti-Human Kappa Light Chain antibody [A8B5]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [A8B5] recognizes Human Kappa Light Chain
Tested Reactivity	Hu
Species Does Not React With	Goat, Gpig, Hm, Rb, Sheep
Tested Application	ELISA, FACS, IHC-Fr, IHC-P
Specificity	The clone A8B5 reacts with kappa light chains (22.5 kDa) of immunoglobulins.
Host	Mouse
Clonality	Monoclonal
Clone	A8B5
Isotype	IgG1
Target Name	Kappa Light Chain
Conjugation	Un-conjugated

Application Instructions

Application table

Application	Dilution
ELISA	Assay-dependent
FACS	1 - 4 µg/ml
IHC-Fr	Assay-dependent
IHC-P	Assay-dependent

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: FACS: Daudi

Properties

Form	Liquid
Purification	Purified from hybridoma culture supernatant by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 3514 Human
Background	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.
Research Area	Immune System antibody