

## Mouse anti-Human Ig Kappa chain(10D9) monoclonal antibody

### Basic information:

<b>Catalog No.:</b>	UB0003-1	<b>Source:</b>	Mouse
<b>Clonality:</b>	Monoclonal10D9	<b>Isotype:</b>	IgG1
<b>Purity:</b>	>95% as determined by SDS-PAGE.		

### Useful Information:

<b>Applications:</b>	ELISA, Immunomicroscopy, WB, Dot blot, ICA
<b>Specificity:</b>	Recognizes the kappa light chain of human immunoglobulins, and does not recognize the lambda light chain.
<b>Format:</b>	Liquid.
<b>Purification:</b>	Protein A/G affinity purification from mouse ascites.
<b>Immunogen:</b>	Human IgG
<b>Presentation:</b>	PBS PH7.4
<b>Description:</b>	Immunoglobulin classes share the same basic four polypeptide chain structure of two heavy chains (five types) and two light chains (kappa, lambda; both having a molecular weight of 22.5 kDa). 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. Antibodies to the kappa light chain are reportedly useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin's lymphomas.
<b>Storage:</b>	Store at 4°C short term and -20°C long term. Avoid freeze-thaw cycles.
<b>Note:</b>	Test systems and platform change may cause different results, please contact us if you have any questions.  This product is sold for research use only. Standard Laboratory Practices should be followed when handling this material.