

# Lambda Light chain Conjugated Antibody

Catalog No: #C56257



Package Size: #C56257-AF350 100ul #C56257-AF405 100ul #C56257-AF488 100ul  
 #C56257-AF555 100ul #C56257-AF594 100ul #C56257-AF647 100ul  
 #C56257-AF680 100ul #C56257-AF750 100ul #C56257-Biotin 100ul

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## Description

Product Name	Lambda Light chain Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human
Specificity	Lambda Light chain Antibody detects endogenous levels of total Lambda Light chain
Immunogen Description	A synthesized peptide derived from human Lambda Light chain
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Bence Jones protein; BJP; Constant region of lambda light chains; Ig lambda chain C regions; IGLC; IGLC1; IGLC2; IGLC3; IGLC6; IGLV; Immunoglobulin lambda constant 1; Mcg marker; Paraprotein;
Accession No.	Uniprot:P01701/P01842
Uniprot	P01701/P01842
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	25kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

### Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Product Description

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All five immunoglobulin classes share the same basic four polypeptide chain structure of two heavy-chains and two light chains. There are five heavy chain types, and two light-chain types (Kappa and Lambda) both having a molecular weight of 22.5kDa. Any heavy-chain type can associate with either light-chain type, but on any immunoglobulin molecule both light-chains are of the same type.

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Note: This product is for in vitro research use only