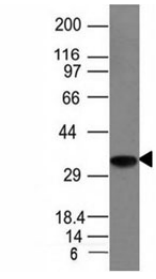
CLIP Antibody [clone CLIP/1133] (V3036)

Catalog No.	Formulation	Size
V3036-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3036-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3036SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CLIP/1133
Purity	Protein G affinity chromatography
UniProt	P04233
Localization	Cell surface and paranuclear globular
Applications	Western blot: 1-2ug/ml
Limitations	This CLIP antibody is available for research use only.



Western blot analysis of Raji cell lysate using CLIP antibody (CLIP/1133). Expected molecular weight: 33-43 kDa.

Description

Recognizes proteins of 33, 35 and 41kDa, which are identified as various isoforms of CD74/CLIP. Its epitope is localized in the extracellular domain of CD74. CD74/CLIP is a type II transmembrane protein which binds to the peptide binding groove of newly synthesized MHC class II alpha/beta heterodimers and prevents their premature association with endogenous polypeptides. The molecule plays a critical role in the presentation of peptides, by the MHC class II antigens, to CD4 positive lymphocytes. CD74/CLIP is expressed on MHC class II positive cells including B cells, a subset of activated T cells, monocytes, and dendritic cells and by various types of carcinomas. It is expressed primarily by antigen presenting cells, such as B-lymphocytes (from before the pre-B cell stage to before the plasma cell stage), macrophages, and monocytes, and many epithelial cells. Anti-CD74/CLIP stains predominantly germinal center lymphocytes and B-cell lymphomas, but rarely T-cell lymphomas and has been shown to be useful in differentiating atypical fibroxanthoma (-) from malignant fibrous histiocytoma (+).

Application Notes

Optimal dilution of the CLIP antibody should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the CLIP antibody.

Storage

Store the CLIP antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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