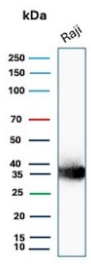
Recombinant CD74 / CL Antibody [clone CLIP/3127R] (V8263)

Catalog No.	Formulation	Size
V8263-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8263-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8263SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

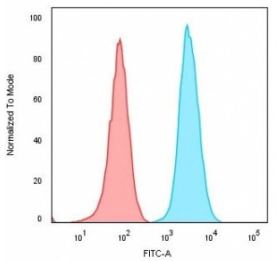
Recombinant RABBIT MONOCLONAL

Bulk quote request

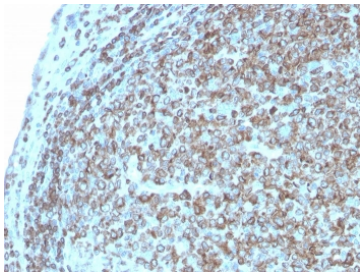
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CLIP/3127R
Purity	Protein A affinity chromatography
UniProt	P04233
Localization	Cell surface and paranuclear globular
Applications	Flow cytometry: 1-2ug/10^6 cells in 0.1ml Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant CD74 antibody is available for research use only.



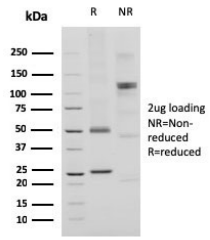
Western blot testing of human Raji cell lysate with recombinant CD74 antibody (clone CLIP/3127R). Expected molecular weight: 33-43 kDa.



Flow cytometry testing of human Raji cells with recombinant CD74 antibody (clone CLIP/3127R); Red=isotype control, Blue= recombinant CD74 antibody.



IHC staining of FFPE human tonsil with recombinant CD74 antibody (clone CLIP/3127R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant CD74 antibody (clone CLIP/3127R) as confirmation of integrity and purity.

Description

It recognizes a protein of ~35kDa, identified as CD74 (Workshop IV). CD74 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. CD74 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 stains predominantly germinal center lymphocytes and B-cell lymphomas, but rarely T-cell lymphomas. Anti-CD74 has been shown to be useful in differentiating atypical fibroxanthoma (-) from malignant fibrous histiocytoma (+).

Application Notes

Optimal dilution of the recombinant CD74 antibody should be determined by the researcher.

Immunogen

SU-DHL-4 lymphoma cells were used as the immunogen for this recombinant CD74 antibody.

Storage

Store the recombinant CD74 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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