Recombinant CD74 (B-Cell Marker) Antibody

Rabbit Monoclonal Antibody [Clone CLIP/8680R]

Catalog No	Format	Size
972-RBM24-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
972-RBM24-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
972-RBM24-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

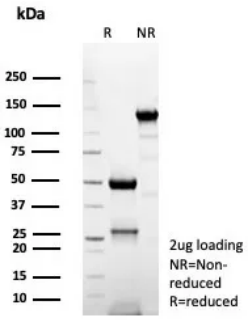
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

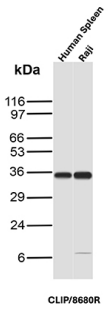
Clone	CLIP/8680R
Immunogen	Recombinant fragment of the human CD74 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	33.52kDa
Cellular Localization	Cell membrane, Endoplasmic reticulum membrane, Endosome, Golgi apparatus, Late endosome, Lysosome, Secreted, trans-Golgi network
Species Reactivity	Human
Positive Control	Human tonsil or lymph node. Spleen, Raji

**Optimal dilution for a specific application should be determined.*

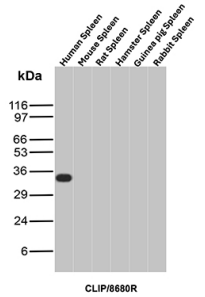
Product Images for Recombinant CD74 (B-Cell Marker) Antibody



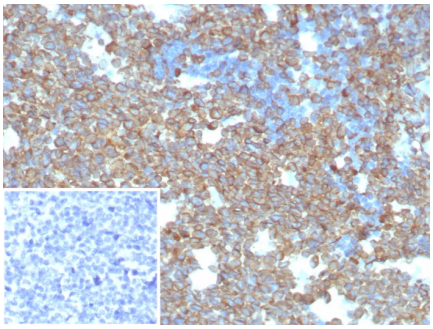
SDS-PAGE Analysis of Purified CD74 Recombinant Rabbit Monoclonal Antibody (CLIP/8680R). Confirmation of Purity and Integrity of Antibody.



Western blot analysis of Human Spleen and Raji lysates using CD74 Recombinant Rabbit Monoclonal Antibody (CLIP/8680R).



Western blot analysis of Spleen tissue lysates of different species using CD74 Recombinant Rabbit Monoclonal Antibody (CLIP/8680R).



Formalin-fixed, paraffin-embedded human tonsil stained with CD74 Recombinant Rabbit Monoclonal Antibody (CLIP/8680R). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

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 (+).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.