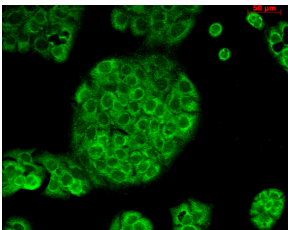


## Anti-CD74 Antibody [PIN.1] (A304910)

### Specifications:

Name:	Anti-CD74 Antibody [PIN.1]
Description:	Mouse monoclonal [PIN.1] antibody to CD74.
Specificity:	This antibody detects protein doublet corresponding to the molecular mass of the p33 and p35 forms of human CD74.
Applications:	WB, IHC, ICC/IF, IP, Flow Cytometry, FACS
Recommended Dilutions:	WB: 1:1,000, IHC: 1:100, ICC/IF: 1:50
Reactivity:	Human, Mouse
Immunogen:	Human CD74 invariant chain synthetic peptide.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PIN.1
Isotype:	IgG1
Conjugate:	Unconjugated
Purification:	Protein G purification.
Concentration:	1 mg/ml
Molecular Weight:	~33-35 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.2, with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

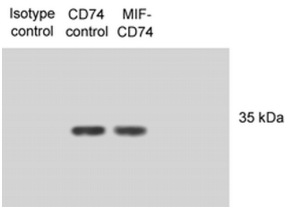
### Images:



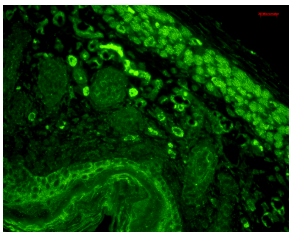
Immunocytochemistry/Immunofluorescence analysis of human HaCaT cells, fixed in cold 100% methanol for 10 minutes at -20°C, using Anti-CD74 Antibody [PIN.1] (A304910), at 1:100 for 1 hour at room temperature. The secondary antibody used was FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at room temperature. Localization: Cytoplasmic Staining.

## Anti-CD74 Antibody [PIN.1] (A304910)

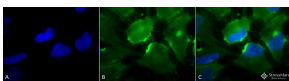
Images continued:



Western blot analysis of human N87 cell lysates showing detection of CD74 protein using Anti-CD74 Antibody [PIN.1] (A304910) at 1:1,000. Lysates treated with macrophage inhibitory factor (MIF).



Immunohistochemistry analysis of mouse backskin, fixed in Bouin's fixative solution and paraffin-embedded. The Primary Antibody used was Anti-CD74 Antibody [PIN.1] (A304910) at 1:100 for 1 hour at room temperature. The secondary antibody used was FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at room temperature. Localization: Beautiful basal to suprabasal staining in epidermis, dermis, hair follicles and muscle.



Immunocytochemistry/Immunofluorescence analysis of human cervical cancer cell line (HeLa), fixed in 2% formaldehyde for 20 minutes at room temperature, using Anti-CD74 Antibody [PIN.1] (A304910), at 1:100 for 12 hours at 4°C. The secondary antibody used was FITC Goat Anti-Mouse (green) at 1:200 for 2 hours at room temperature. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at room temperature. Localization: Cell membrane. Endoplasmic reticulum membrane. Golgi apparatus. Endosome. Lysosome. Magnification: 100x. (A) DAPI (blue) nuclear stain. (B) Anti-CD74 Antibody. (C) Composite.