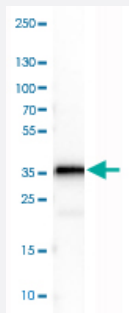


CD74 polyclonal antibody

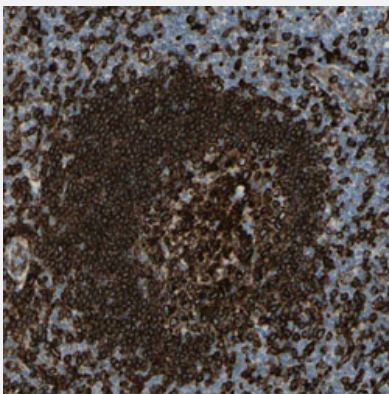
Catalog # PAB31420 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Daudi cell lysate with CD74 polyclonal antibody (Cat # PAB31420).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CD74 polyclonal antibody (Cat # PAB31420) shows strong membranous and cytoplasmic positivity in germinal center cells and in non-germinal center cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human CD74.
Immunogen	Recombinant protein corresponding to human CD74.
Sequence	PKPVSKMRMATPLLMQALPMGALPQGPMQNATKYGNMTEDHVMHLLQNADPLKVYPPLKGSFP ENLRHLKNTMETIDWKVFESWMHHWLLFEMSRHSLEQKPTDAPPK
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Daudi cell lysate with CD74 polyclonal antibody (Cat # PAB31420).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CD74 polyclonal antibody (Cat # PAB31420) shows strong membranous and cytoplasmic positivity in germinal center cells and in non-germinal center cells.

Gene Info — CD74

Entrez GeneID	972
Protein Accession#	P04233
Gene Name	CD74
Gene Alias	DHLA, HLADG, Ia-GAMMA
Gene Description	CD74 molecule, major histocompatibility complex, class II invariant chain
Omim ID	142790
Gene Ontology	Hyperlink
Gene Summary	major histocompatibility complex

Other Designations

CD74 antigen|CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)|HLA-DR-gamma|la-associated invariant chain|MHC HLA-DR gamma chain|gamma chain of class II antigens

Publication Reference

- [CD74: a new prognostic factor for patients with malignant pleural mesothelioma.](#)

Otterstrom C, Soltermann A, Opitz I, Felley-Bosco E, Weder W, Stahel RA, Triponez F, Robert JH, Serre-Beinier V.
British Journal of Cancer 2014 Apr; 110(8):2040.

Application: IHC-P, Human, Human biphasic mesothelioma, Human epithelioid mesothelioma, Human tissue microarray, Human sarcomatoid mesothelioma

- [Expression of RCAS1 protein in microglia/macrophages accompanying brain tumours. An immunofluorescence study.](#)

Adamek D, Radwańska E, Gajda M.
Folia Neuropathologica 2009 Jan; 47(3):240.

Application: IF, IHC-P, Human, Human brain tumors, Human glioblastoma multiforme

Pathway

- [Antigen processing and presentation](#)

Disease

- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)