

Anti-CD74 antibody (73-232) (STJ27634)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

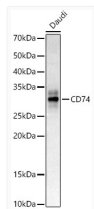
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 34kDa Observed Mw: 30-40kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

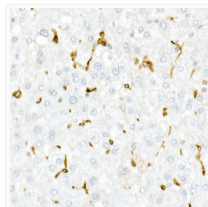
Gene ID	972
Gene Symbol	CD74
UniProt ID	HG2A_HUMAN
Immunogen Region	73-232
Immunogen Sequence	QQQGRLDKLTVTSSQNLQLEN LRMKLPKPKPVSKMRMATP LLMQALPMGALPQGPMQNAT KYGNMTEHDHVMHLLQNADPL KVYPLKGSFPENLRHLKNT METIDWKVFESWMMHLLFE MSRHSLEQKPTDAPPKESLE LEDPSSGLGVTKQDLGPVPM
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 73-232 of human CD74 (NP_004346.1).

ADDITIONAL INFORMATION

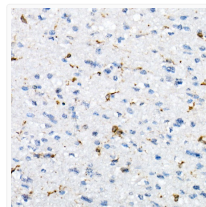
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



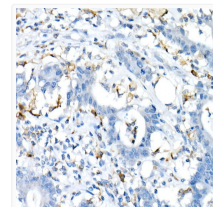
Western blot analysis of extracts of Daudi cells, using CD74 antibody (STJ27634) at 1:400 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.



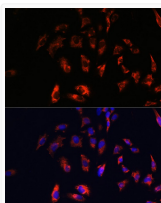
Immunohistochemistry analysis of paraffin-embedded Human liver using CD74 antibody (STJ27634) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human brain using CD74 antibody (STJ27634) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using CD74 antibody (STJ27634) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of C6 cells using CD74 antibody (STJ27634) at dilution of 1:100. Blue: DAPI for nuclear staining.