

Goat anti-Human CD74/CLIP Polyclonal Antibody | anti-CD74 antibody

CD74/CLIP Goat anti-Human Polyclonal (aa159-171) Antibody

CATALOG # AAA163327	HOST Goat	REACTIVITY Human	APPLICATIONS Western Blot, ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

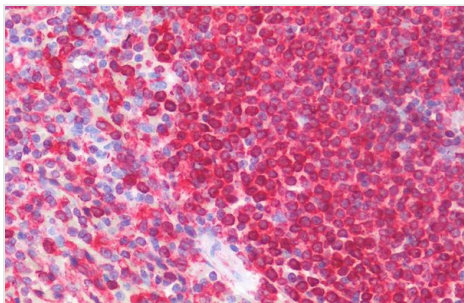
CD74/CLIP; Polyclonal Antibody; CD74/CLIP Goat anti-Human Polyclonal (aa159-171) Antibody; IHC-plus CD74/CLIP Antibody (aa159-171); CD74; CD74 antigen; DHLAG; HLADG; HLA-DR-gamma; Ia-associated invariant chain; p33; MHC HLA-DR gamma chain; Ia-GAMMA; anti-CD74 antibody

PRODUCT SPECIFICATIONS

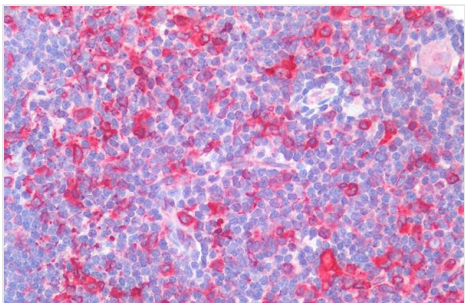
Host	Goat
Reactivity	Human
Clonality	Polyclonal
Specificity	This antibody is expected to recognize isoform a (NP_001020330.1) and isoform b (NP_004346.1).
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	TBS, pH 7.3, 0.02% Sodium Azide, 0.5% BSA
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-CD74 antibody	WB (Western Blot), ELISA (Peptide ELISA), IHC (Immunohistochemistry)
Target	Human CD74/CLIP
Immunogen	CD74/CLIP antibody was raised against Peptide with sequence C-KGSFPENLRHLKN, from the internal region of the protein sequence according to NP_001020330.1NP_004346.1.
Epitope	aa159-171
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Aliquot and store at -20°C. Avoid freeze-thaw cycles.

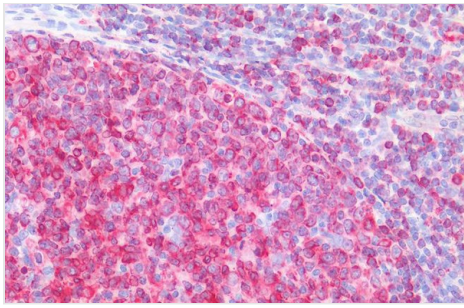
IMAGES



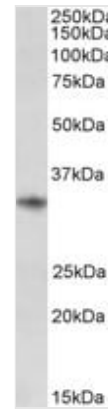
IHC (Immunohistochemistry)
CD74/CLIP Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



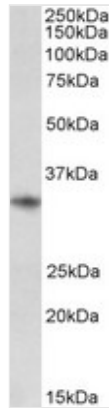
IHC (Immunohistochemistry)
CD74/CLIP Antibody-Human Thymus: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemisry)
CD74/CLIP Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
CD74/CLIP Antibody-Antibody (0.01ug/ml) staining of Human Tonsil lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
CD74/CLIP Antibody-Goat anti-CD74 (aa159-171) Antibody (0.01ug/ml) staining of Human Tonsil lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835071
NCBI GeneID	972
NCBI Accession #	NP_004346.1
NCBI GenBank Nucleotide #	NM_004355
UniProt Accession #	P04233 ; Q14597 ; Q29832 ; Q5U0J8 ; Q8SNA0 ; Q8WLP6 ; A8K7R1 ; B4DNE8 ; D3DQG3 ; D3DQG4
NCBI Official Full Name	HLA class II histocompatibility antigen gamma chain isoform b
NCBI Official Synonym Full Names	CD74 molecule, major histocompatibility complex, class II invariant chain
NCBI Official Symbol	CD74
NCBI Official Synonym Symbols	II; DHLAG; HLADG; Ia-GAMMA
NCBI Protein Information	HLA class II histocompatibility antigen gamma chain; p33; HLA-DR-gamma; MHC HLA-DR gamma chain; Ia-associated invariant chain; gamma chain of class II antigens; HLA-DR antigens-associated invariant chain; CD74 antigen (invariant polypeptide of major histo
UniProt Protein Name	HLA class II histocompatibility antigen gamma chain
UniProt Gene Name	CD74
UniProt Synonym Gene Names	DHLAG; li

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd74-clip-antibody-western-blot-peptide-elisa-immunohistochemistry-elisa/163327>