

Product Datasheet

CD74 Antibody (CerCLIP.1) - BSA Free NBP1-19249-0.2mg

Unit Size: 0.2 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-19249-0.2mg

CD74 Antibody (CerCLIP.1) - BSA Free

Product Information

Unit Size	0.2 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CerCLIP.1
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

Product Description

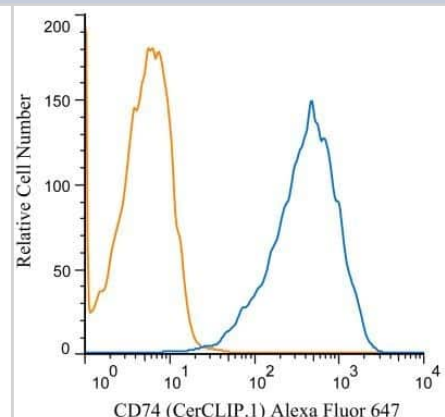
Host	Mouse
Gene ID	972
Gene Symbol	CD74
Species	Human
Immunogen	Synthetic peptide derived from the sequence of human CLIP

Product Application Details

Applications	Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1:200, Immunoprecipitation 1:10-1:500

Images

Flow Cytometry: CD74 Antibody (CerCLIP.1) [NBP1-19249] - A cell surface stain was performed on Daudi cells with CD74 Antibody (CerCLIP.1) NBP1-19249AF647 (blue) and a matched isotype control NBP2-27287AF647 (orange). Cells were incubated in an antibody dilution of 2 ug/mL for 20 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.



Publications

Ghahremani M, Habil MK, Zapata-Rodriguez CJ. Anapole-assisted giant electric field enhancement for surface-enhanced coherent anti-Stokes Raman spectroscopy. Scientific reports 2021-05-20 [PMID: 34017020]

Jiang W, Adler LN, Macmillan H, Mellins ED et al. Synergy between B cell receptor/antigen uptake and MHCII peptide editing relies on HLA-DO tuning Sci Rep. 2019-09-25 [PMID: 31554902] (FLOW, Human)

Details:

Citation used the Alexa Fluor 647 format of this antibody.

Ladowski JM, Martens GR, Reyes LM et al. Examining epitope mutagenesis as a strategy to reduce and eliminate human antibody binding to class II swine leukocyte antigens Immunogenetics 2019-07-01 [PMID: 31270568] (FLOW)

Ladowski JM, Martens GR, Reyes LM et al. Examining the Biosynthesis and Xenoantigenicity of Class II Swine Leukocyte Antigen Proteins. J. Immunol. 2018-03-14 [PMID: 29540579] (FLOW)

Denzin LK, Hammond C, Cresswell P et al. HLA-DM interactions with intermediates in HLA-DR maturation and a role for HLA-DM in stabilizing empty HLA-DR molecules. J Exp Med. 1996-12-01 [PMID: 8976171]

Denzin LK, Cresswell P. HLA-DM induces CLIP dissociation from MHC class II alpha beta dimers and facilitates peptide loading. Cell. 1995-07-01 [PMID: 7606781]

Denzin LK, Robbins NF, Carboy-Newcomb C et al. Assembly and intracellular transport of HLA-DM and correction of the class II antigen-processing defect in T2 cells. Immunity. 1994-10-01 [PMID: 7600288]





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Products Related to NBP1-19249-0.2mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-19249AF647	CD74 Antibody (CerCLIP.1) [Alexa Fluor® 647]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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