Product Datasheet

DCIR/CLEC4A Antibody (111F8.04) - Azide and BSA Free
DDX0180P-100

Unit Size: 0.1 mg

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

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Publications: 10

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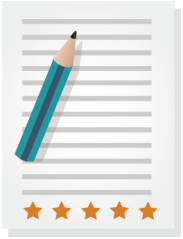
Updated 9/9/2025 v.20.1



DDX0180P-100

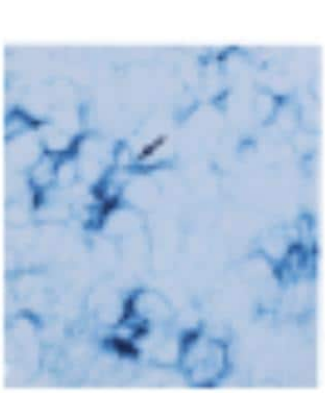
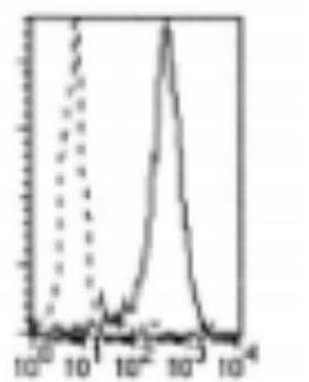
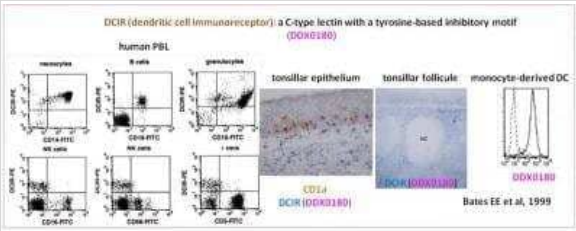
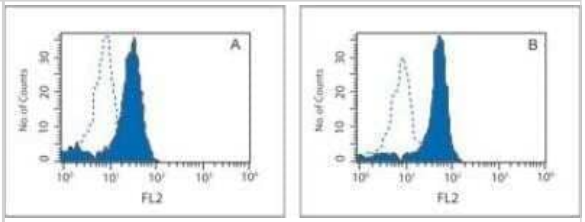
DCIR/CLEC4A Antibody (111F8.04) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	111F8.04
Preservative	No Preservative
Isotype	IgG1
Purity	Ion exchange chromatography
Buffer	Tris-NaCl (pH 8.0)

Product Description	
Description	Novus Biologicals Mouse DCIR/CLEC4A Antibody (111F8.04) - Azide and BSA Free (DDX0180P-100) is a monoclonal antibody validated for use in IHC and Flow. Anti-DCIR/CLEC4A Antibody: Cited in 10 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	50856
Gene Symbol	CLEC4A
Species	Human
Reactivity Notes	Human
Immunogen	DCIR was used as immunogen.
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Cell Surface), Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen 1:10-1:500, Flow (Cell Surface)

Images

Immunohistochemistry: DCIR/CLEC4A Antibody (111F8.04) [DDX0180P-100] - IHC staining of human tonsil frozen section with 111F8 (X1000)	
Flow Cytometry: DCIR/CLEC4A Antibody (111F8.04) [DDX0180P-100] - FACS staining of monocytederivedDCs (GM+IL4) with 111F8	
Immunohistochemistry-Paraffin: DCIR/CLEC4A Antibody (111F8.04) [DDX0180P-100] - C-type lectin with a tyrosine based inhibitory motif	
Flow (Cell Surface): DCIR/CLEC4A Antibody (111F8.04) [DDX0180P-100] - Analysis using the PE conjugate of DDX0180P-100. Staining of DCIR (shaded histogram) in human PBMCs using the monocyte population gated using forward and side scatter with DDX0180PE at 1ug/ml (A) and 3 ug/ml (B). Open histogram is isotype control.	

Publications

Kuipers ME, Nolte-'t Hoen ENM, van der Ham AJ et al. DC-SIGN mediated internalisation of glycosylated extracellular vesicles from Schistosoma mansoni increases activation of monocyte-derived dendritic cells J Extracell Vesicles 2020 -04-30 [PMID: 32489529] (Human)

Clark GJ et al. New insights into the phenotype of human dendritic cell populations. Clin Transl Immunology 2016-01-01 [PMID: 26900474]

Ohradanova-Revic A et al. Differentiation of human monocytes and derived subsets of macrophages and dendritic cells by the HLDA10 monoclonal antibody panel. Clin Transl Immunology 2016-01-01 [PMID: 26900469]

Autenrieth SE et al. Profiling of primary peripheral blood- and monocyte-derived dendritic cells using monoclonal antibodies from the HLDA10 Workshop in Wollongong, Australia. Clin Transl Immunology 2015-11-01 [PMID: 26682057]

Garcia-Vallejo JJ et al. The consequences of multiple simultaneous C-type lectin-ligand interactions: DCIR alters the endo-lysosomal routing of DC-SIGN. Front Immunol 2015-03-01 [PMID: 25806031]

Tel J et al. Targeting uptake receptors on human plasmacytoid dendritic cells triggers antigen cross-presentation and robust type I IFN secretion. J Immunol 2013-11-01 [PMID: 24127556]

Bloem K et al. Ligand binding and signaling of dendritic cell immunoreceptor (DCIR) is modulated by the glycosylation of the carbohydrate recognition domain. PLoS One 2013-06-01 [PMID: 23776650]

Bloem K et al. Interaction of the Capsular Polysaccharide A from Bacteroides fragilis with DC-SIGN on Human Dendritic Cells is Necessary for Its Processing and Presentation to T Cells. Front Immunol 2013-05-01 [PMID: 23653626]

Tjomsland V et al. Semi mature blood dendritic cells exist in patients with ductal pancreatic adenocarcinoma owing to inflammatory factors released from the tumor. PLoS One 2010-10-01 [PMID: 20976171]

Bates EE et al. APCs express DCIR, a novel C-type lectin surface receptor containing an immunoreceptor tyrosine-based inhibitory motif. J Immunol 1999-08-01 [PMID: 10438934]

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Products Related to DDX0180P-100

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-84446PEP	DCIR/CLEC4A Recombinant Protein Antigen

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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