

Product Datasheet

IL-3R alpha/CD123 Antibody (107D2.08) - Azide and BSA Free DDX0300P-100

Unit Size: 0.1 mg

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

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Publications: 11

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DDX0300P-100

IL-3R alpha/CD123 Antibody (107D2.08) - 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	107D2.08
Preservative	No Preservative
Isotype	IgG1
Purity	Ion exchange chromatography
Buffer	Tris-NaCl (pH 8.0)

Product Description

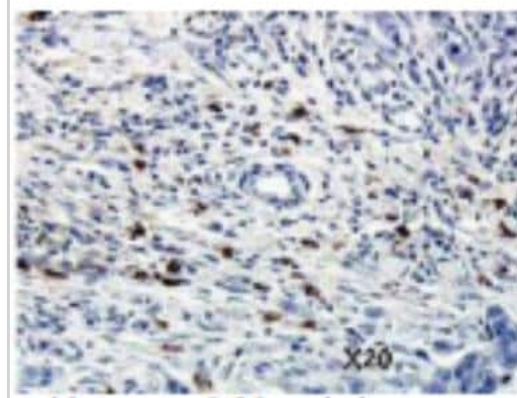
Description	Novus Biologicals Mouse IL-3R alpha/CD123 Antibody (107D2.08) - Azide and BSA Free (DDX0300P-100) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. Anti-IL-3R alpha/CD123 Antibody: Cited in 11 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3563
Gene Symbol	IL3RA
Species	Human, Canine
Immunogen	IL3R Alpha/ CD123 was used as immunogen.
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

Product Application Details

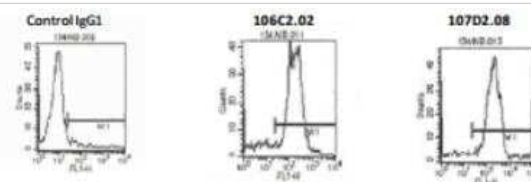
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

Images

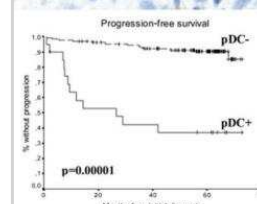
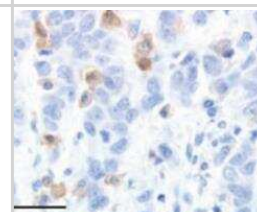
Immunohistochemistry: IL-3 R alpha/CD123 Antibody (107D2.08) [DDX0300P-100] - IHC staining of Bouin Paraffin section of human invasive breast tumor with 107D2.08 (DAB brown)



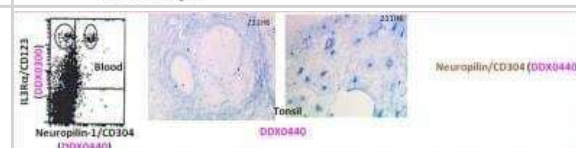
Flow Cytometry: IL-3 R alpha/CD123 Antibody (107D2.08) [DDX0300P-100] - FACS staining of CD11c-sorted tonsillar cells



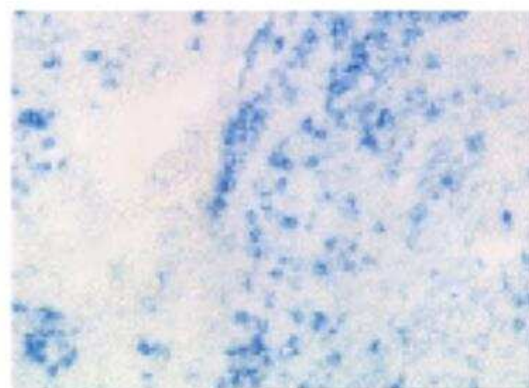
Immunohistochemistry-Paraffin: IL-3 R alpha/CD123 Antibody (107D2.08) [DDX0300P-100] - Paraffin embedded breast cancer tissue sections



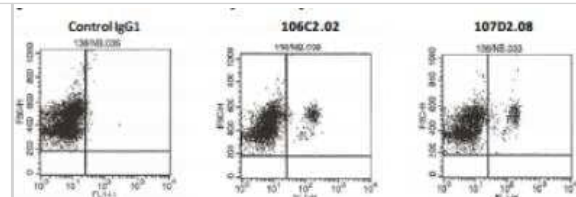
Immunohistochemistry-Paraffin: IL-3 R alpha/CD123 Antibody (107D2.08) [DDX0300P-100]



Immunohistochemistry: IL-3 R alpha/CD123 Antibody (107D2.08) [DDX0300P-100] - IHC staining of frozen human tonsil section with 106C2.02 (Fast Blue)



Flow Cytometry: IL-3 R alpha/CD123 Antibody (107D2.08) [DDX0300P-100] - Human PBMC enriched in monocytes and dendritic cells (Percollgradient) and analyzed by surface flow cytometry



Publications

Pang L, Ng KT, Liu J et al. Plasmacytoid dendritic cells recruited by HIF-1 alpha /eADO/ADORA1 signaling induce immunosuppression in hepatocellular carcinoma Cancer letters 2021-09-16 [PMID: 34536555] (IHC-P, Human)

Broughton SE et al. Dual mechanism of interleukin-3 receptor blockade by an anti-cancer antibody. Cell Rep 2014-07-01 [PMID: 25043189]

Koehl U et al. Clinical grade purification and expansion of NK cell products for an optimized manufacturing protocol. Front Oncol 2013-05-01 [PMID: 23730623]

Brehm C et al. IL-2 stimulated but not unstimulated NK cells induce selective disappearance of peripheral blood cells: concomitant results to a phase I/II study. PLoS One 2011-01-01 [PMID: 22096557]

Matsuo T et al. Bilateral conjunctival lesions in blastic plasmacytoid dendritic cell neoplasm. J Clin Exp Hematop 2011-01-01 [PMID: 21628861]

Rochereau N et al. Phenotypic localization of distinct DC subsets in mouse Peyer Patch. Vaccine 2011-05-09 [PMID: 21439318]

van de Laar L et al. A nonredundant role for canonical NF-kB in human myeloid dendritic cell development and function. J Immunol 2010-12-15 [PMID: 21076069]

Bachmann M et al. Early production of IL-22 but not IL-17 by peripheral blood mononuclear cells exposed to live *Borrelia burgdorferi*: the role of monocytes and interleukin-1. PLoS Pathog 2010-10-01 [PMID: 20976193]

Tsoukimadou M et al. Isolation of myeloid and plasmacytoid dendritic cells from human bronchoalveolar lavage fluid. Immunol Cell Biol 2006-06-01 [PMID: 16509829]

Treilleux I et al. Dendritic cell infiltration and prognosis of early stage breast cancer. Clin Cancer Res 2004-11-01 [PMID: 15569976]

Movassagh M et al. Selective accumulation of mature DC-Lamp+ dendritic cells in tumor sites is associated with efficient T-cell-mediated antitumor response and control of metastatic dissemination in melanoma. Cancer Res 2004-03-15 [PMID: 15026362]



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Products Related to DDX0300P-100

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)
NBP3-18359-10ug	Recombinant Mouse IL-3R alpha/CD123 hlgG-His Protein

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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