

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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Updated 9/9/2025 v.20.1

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DDX0300P-100

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

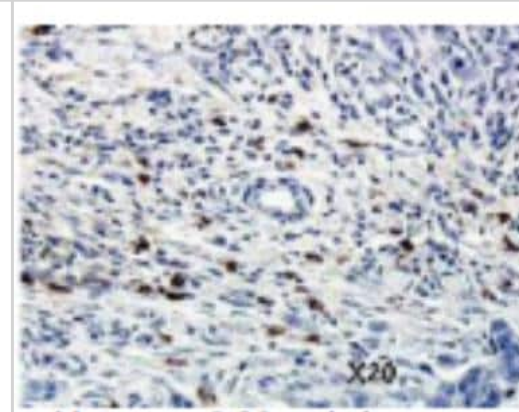
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	107D2.08
Preservative	No Preservative
Isotype	IgG1
Purity	Ion exchange chromatography
Buffer	Tris-NaCl (pH 8.0)

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.

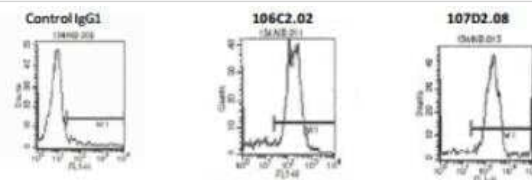
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunoprecipitation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

Images

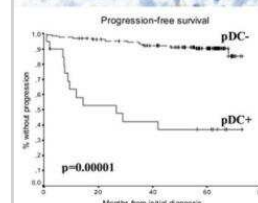
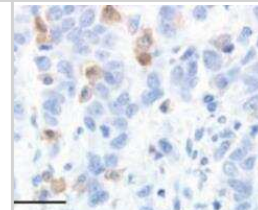
Immunohistochemistry: IL-3 R alpha/CD123 Antibody (107D2.08) [DDX0300P-100] - IHC staining of Bouin Paraffin section of human invasive breast tumor with 107D2.08 (DAB brown)



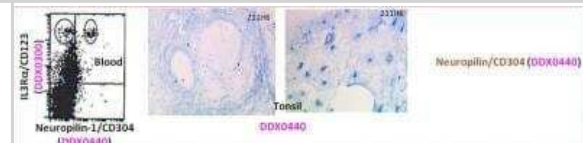
Flow Cytometry: IL-3 R alpha/CD123 Antibody (107D2.08) [DDX0300P-100] - FACS staining of CD11c-sorted tonsillar cells



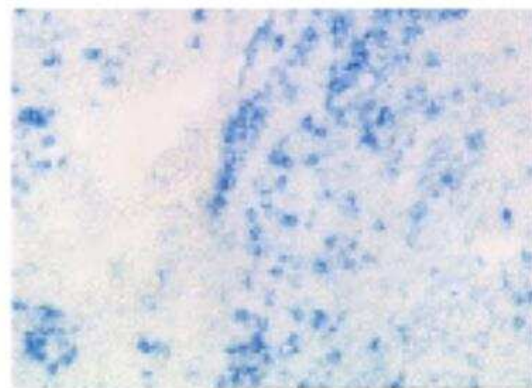
Immunohistochemistry-Paraffin: IL-3 R alpha/CD123 Antibody (107D2.08) [DDX0300P-100] - Paraffin embedded breast cancer tissue sections



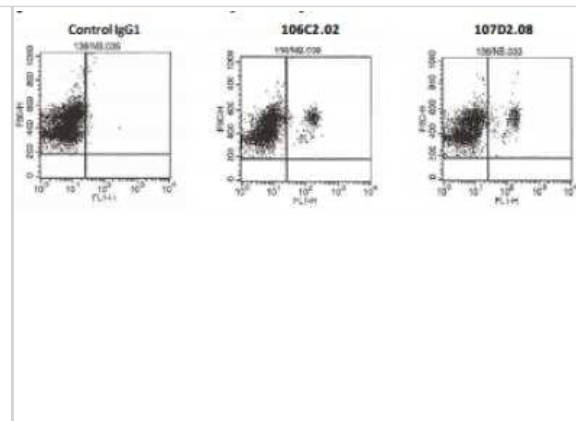
Immunohistochemistry-Paraffin: IL-3 R alpha/CD123 Antibody (107D2.08) [DDX0300P-100]



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]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to DDX0300P-100

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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)

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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