

# Product Datasheet

## **CLEC10A/CD301 Antibody (125A10.03) - Azide and BSA Free**

### **DDX0010P-100**

Unit Size: 0.1 mg

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

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**DDX0010P-100**

CLEC10A/CD301 Antibody (125A10.03) - 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	125A10.03
Preservative	No Preservative
Isotype	IgG1
Purity	Ion exchange chromatography
Buffer	Tris-NaCl (pH 8.0)

Product Description	
Host	Mouse
Gene ID	10462
Gene Symbol	CLEC10A
Species	Human, Canine
Immunogen	human ASGPR Ig fusion protein
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Functional, 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-Frozen 1:10-1:500, Functional, Flow (Cell Surface) 1:10-1:1000
Application Notes	Functional Activity note: internalization of the receptor following its binding by the Ab and when incubated at 37 degrees C (as per Valladeau et al. 2010)

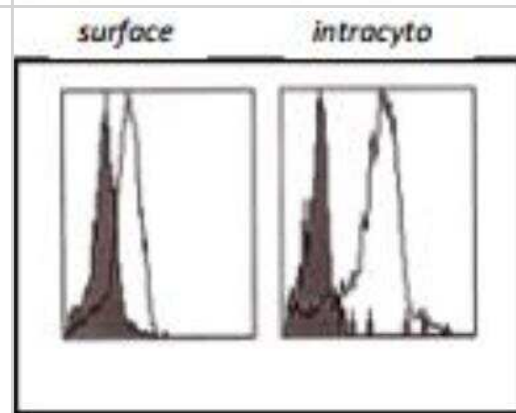


## Images

Immunohistochemistry: CLEC10A/CD301 Antibody (125A10.03) [DDX0010P-100] - IHC staining of lung cryosection with 125A10.03



Flow Cytometry: CLEC10A/CD301 Antibody (125A10.03) [DDX0010P-100] - FACS analysis of monocyte-derived DCs (GM+IL4) stained with 125A10.03+ goat anti-mouse FITC



## Publications

Lei V, Handfield C, Kwok JT et al. Skin Injury Activates A Rapid TRPV1-dependent Antiviral Protein Response The Journal of investigative dermatology 2022-01-07 [PMID: 35007556]

Garcia-Vallejo JJ et al. Langerin-mediated internalization of a modified peptide routes antigens to early endosomes and enhances cross-presentation by human Langerhans cells. Cell Mol Immunol 2015-10-01 [PMID: 26456691]

Debeer S et al. Comparative histology and immunohistochemistry of porcine versus human skin. Eur J Dermatol 2013 -07-01 [PMID: 24047577]

Napoletano C et al. Targeting of macrophage galactose-type C-type lectin (MGL) induces DC signaling and activation. Eur J Immunol 2012-04-01 [PMID: 22531918]

Valladeau J et al. Immature human dendritic cells express asialoglycoprotein receptor isoforms for efficient receptor-mediated endocytosis. J Immunol 2001-11-01 [PMID: 11698450]



### **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 DDX0010P-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)
NBP1-84591PEP	CLEC10A/CD301 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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