

Product Datasheet

CD163 Antibody (10D6) NB110-59935

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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NB110-59935

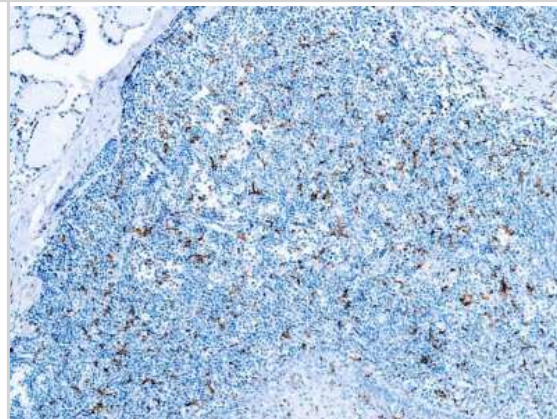
CD163 Antibody (10D6)

Product Information	
Unit Size	0.5 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	10D6
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Tissue culture supernatant
Buffer	Tissue culture supernatant
Product Description	
Host	Mouse
Gene ID	9332
Gene Symbol	CD163
Species	Human
Marker	Histiocytic Marker
Specificity/Sensitivity	This CD163 molecule is a type I membrane protein also known as M130 antigen, Ber-Mac3, Ki-M8 or SM4. CD163 protein is restricted in its expression to the monocytic/macrophage lineage. It is reported to be present on all circulating monocytes and most tissue macrophages except those found in the mantle zone and germinal centers of lymphoid follicles, interdigitating reticulum cells, and Langerhans cells. Multinucleated cells within inflammatory lesions are reported not to express CD163 protein. The protein is upregulated by glucocorticoids and is downregulated by immunosuppressant cyclosporin A and phorbol esters.
Immunogen	Human CD163 antigen.
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin
Application Notes	IHC-P: recommended pretreatment of citrate buffer, pH 6.0. Recommended incubation time of 30 min at RT.

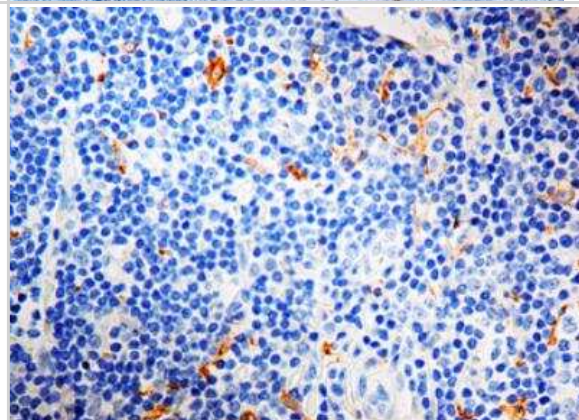


Images

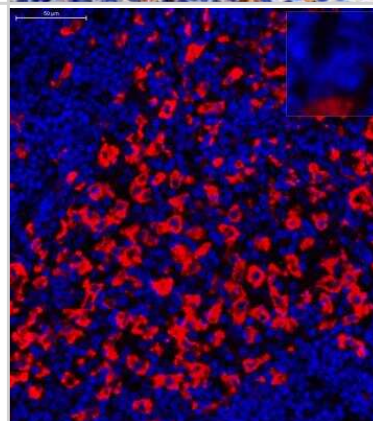
Immunohistochemistry-Paraffin: CD163 Antibody (10D6) [NB110-59935]
- Formalin fixed paraffin embedded human tonsil stained with CD163 antibody (NB110-59935).



Immunohistochemistry-Paraffin: CD163 Antibody (10D6) [NB110-59935]
- Human tonsil.



Immunohistochemistry-Paraffin: CD163 Antibody (10D6) [NB110-59935]
- Human lymph node stained with CD163 antibody showing cytoplasmic staining in non-germinal center cells. Image from verified customer review.



Publications

Kim KH, Park J, Cho Y et al. Histamine Signaling Is Essential for Tissue Macrophage Differentiation and Suppression of Bacterial Overgrowth in the Stomach Cellular and Molecular Gastroenterology and Hepatology 2023-01-01 [PMID: 36167263]

Blom AM, Gialeli C, Hagerling C et al. Expression of Cartilage Oligomeric Matrix Protein in colorectal cancer is an adverse prognostic factor and correlates negatively with infiltrating immune cells and PD-L1 expression Frontiers in immunology 2023-05-03 [PMID: 37207219] (IHC-P, Human)

Details:

Dilutin 1:200

Ma J, Li J, He N et al. Identification and validation of a novel survival prediction model based on the T-cell phenotype in the tumor immune microenvironment and peripheral blood for gastric cancer prognosis Journal of translational medicine 2023-02-03 [PMID: 36737759] (IHC-P, Human)

Ma j, Li J, He N et al. Identification and validation of a novel survival prediction model based on the T cell phenotype in tumor immune microenvironment and peripheral blood for the prognosis in gastric cancer Research Square 2022-10-24 [PMID: 36737759]

Litta F, Papait A, Lucchetti D et al. The pathogenesis of cryptoglandular anal fistula: New insight into the immunological profile Colorectal disease : the official journal of the Association of Coloproctology of Great Britain and Ireland 2022-08-02 [PMID: 35916639] (ICC/IF, Human)

Details:

Dilution used 1:50

Gatenbee C, Baker A, Schenck R Et al. Immunosuppressive niche engineering at the onset of human colorectal cancer Nat Commun 2022-04-05 [PMID: 35379804]

Horn LA, Chariou PL, Gameiro SR et al. Remodeling the tumor microenvironment via blockade of LAIR-1 and TGF-beta signaling enables PD-L1-mediated tumor eradication The Journal of clinical investigation 2022-03-01 [PMID: 35230974] (IF/IHC)

Cuevas VD, SimOn-Fuentes M, Orta-Zavalza E Et al. The Gene Signature of Activated M-CSF-Primed Human Monocyte-Derived Macrophages Is IL-10-Dependent Journal of innate immunity 2021-10-20 [PMID: 34670213] (IF/IHC, Human)

Consonni FM, Blevé A, Totaro MG et al. Heme catabolism by tumor-associated macrophages controls metastasis formation Nature immunology 2021-04-26 [PMID: 33903766] (IF/IHC, Human)

Xu Y, Li J, Tong B et al. Positive tumour CD47 expression is an independent prognostic factor for recurrence in resected non-small cell lung cancer ESMO Open 2020-08-01 [PMID: 32830120] (IF/IHC, Human)

Leader A, Grout J, Chang C et al. CITEseq analysis of non-small-cell lung cancer lesions reveals an axis of immune cell activation associated with tumor antigen load and TP53 mutations bioRxiv 2020-07-17

Lidenge SJ, Tso FY, Ngalamika O et al. Lack of CD8+ T-cell co-localization with Kaposi's sarcoma-associated herpesvirus infected cells in Kaposi's sarcoma tumors Oncotarget 2020-04-28 [PMID: 32391124] (IHC-P, Human)

More publications at <http://www.novusbio.com/NB110-59935>





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Products Related to NB110-59935

NBL1-08909	CD163 Overexpression Lysate
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)

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