

# Product Datasheet

## CD163 Antibody (10D6)

**NB110-59935**

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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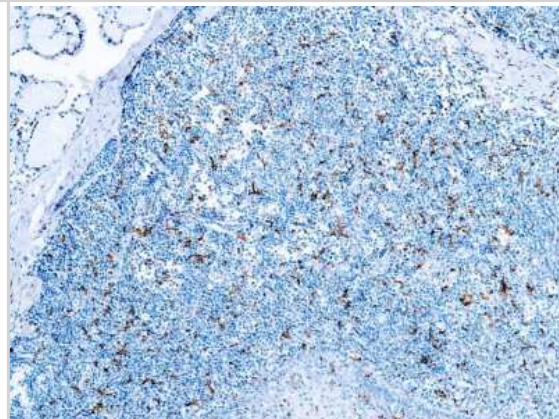


**NB110-59935****CD163 Antibody (10D6)**

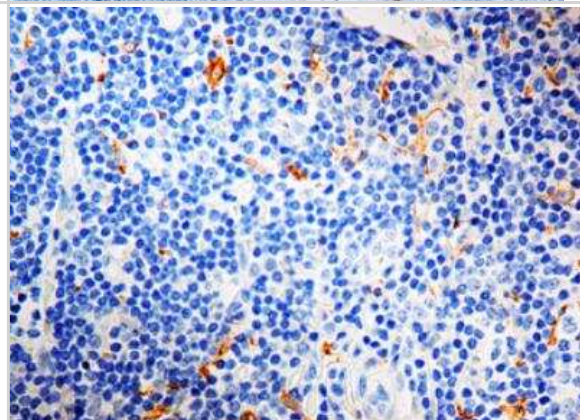
<b>Product Information</b>	
<b>Unit Size</b>	0.5 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	10D6
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	Tissue culture supernatant
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse CD163 Antibody (10D6) (NB110-59935) is a monoclonal antibody validated for use in IHC and ICC/IF. Anti-CD163 Antibody: Cited in 20 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	9332
<b>Gene Symbol</b>	CD163
<b>Species</b>	Human
<b>Marker</b>	Histiocytic Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Human CD163 antigen.
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin
<b>Application Notes</b>	IHC-P: recommended pretreatment of citrate buffer, pH 6.0. Recommended incubation time of 30 min at RT.

## Images

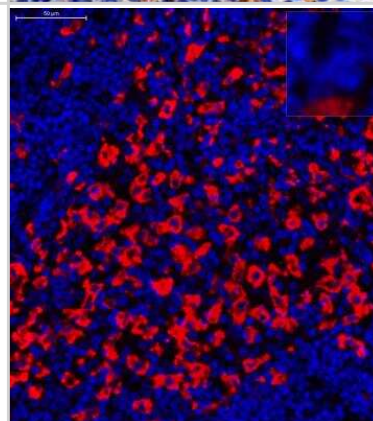
Immunohistochemistry-Paraffin: CD163 Antibody (10D6) [NB110-59935]  
- Formalin fixed paraffin embedded human tonsil stained with CD163 antibody (NB110-59935).



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

Khatun M, Rashid M, Ullah A et al. TMBIM6 promotes glioma progression according to integrated bioinformatics and experimental evidence. Scientific reports 2025-07-02 [PMID: 40595030]

Lee, Y;Kim, SH;Jeong, H;Kim, KH;Jeon, D;Cho, Y;Lee, D;Nam, KT; Role of Nox4 in mitigating inflammation and fibrosis in dextran sulfate sodium-induced colitis Cellular and molecular gastroenterology and hepatology 2023-05-17 [PMID: 37207801] (Immunohistochemistry, Human)

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] (Immunohistochemistry, Human)

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, Bleve 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)

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



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### Products Related to NB110-59935

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NBL1-08909	CD163 Overexpression Lysate
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)

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### 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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