

Product Datasheet

CD163 Antibody (6D3.2F3) - BSA Free NBP2-36495

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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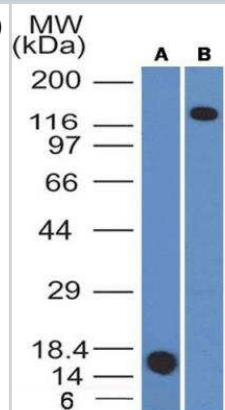
NBP2-36495

CD163 Antibody (6D3.2F3) - BSA Free

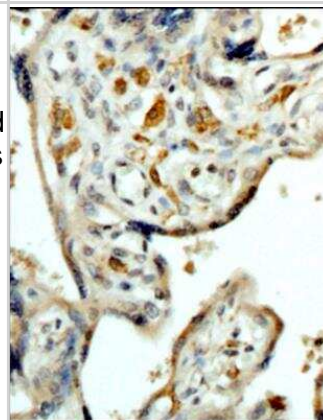
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6D3.2F3
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse CD163 Antibody (6D3.2F3) - BSA Free (NBP2-36495) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-CD163 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9332
Gene Symbol	CD163
Species	Human
Reactivity Notes	Immunogen's sequence similarity with other species: Bovine (88%), Porcine (87%), Canine (87%), Rat (80%)
Marker	Histiocytic Marker
Specificity/Sensitivity	This antibody is specific for the extracellular domain of human CD163 protein
Immunogen	A synthetic peptide made to the human CD163 protein sequence (between residues 200-400). [Swiss-Prot: Q86VB7]
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 2 ug/ml, Flow Cytometry, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	The unprocessed CD163 protein is 125.5 kDa which undergoes post translational modifications including cleavage and glycosylation, and in Western blot, the mature protein may run at a different than expected molecular weight position.

Images

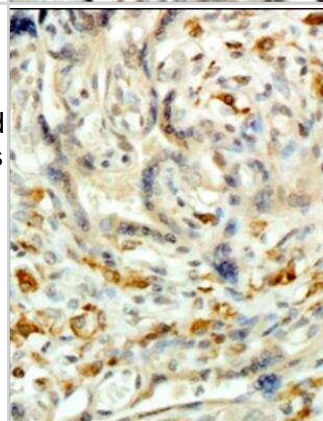
Western Blot: CD163 Antibody (6D3.2F3) [NBP2-36495] - Analysis of (A) partial recombinant 15 kDa human CD163 protein and (B) human lungs lysate with 2 ug/ml concentration of CD163 antibody clone 6D3.2F3



Immunohistochemistry-Paraffin: CD163 Antibody (6D3.2F3) [NBP2-36495] - Analysis of FFPE tissue section of human placenta using 1:200 dilution of CD163 antibody (clone 6D3.2F3). CD163 is a histiocytic marker and in the tested placental tissue section, this antibody generated a specific staining in the Hofbauer cells which are eosinophilic histiocytes found in placenta.



Immunohistochemistry-Paraffin: CD163 Antibody (6D3.2F3) [NBP2-36495] - Analysis of FFPE tissue section of human placenta using 1:200 dilution of CD163 antibody (clone 6D3.2F3). CD163 is a histiocytic marker and in the tested placental tissue section, this antibody generated a specific staining in the Hofbauer cells which are eosinophilic histiocytes found in placenta.



Publications

Ko C, Lin Y, Achudhan D et al. Omentin-1 ameliorates the progress of osteoarthritis by promoting IL-4-dependent anti-inflammatory responses and M2 macrophage polarization International Journal of Biological Sciences 2023-10-30 [PMID: 37928270] (IHC-P, Rat, Human)

Details:
Dilution 1:100



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Products Related to NBP2-36495

NBL1-08909	CD163 Overexpression Lysate
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]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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