

# 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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### Publications: 1

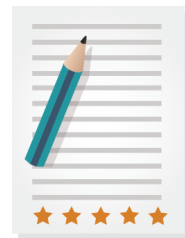
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**NBP2-36495**

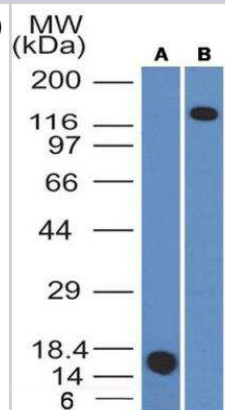
CD163 Antibody (6D3.2F3) - BSA Free

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	
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, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
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.

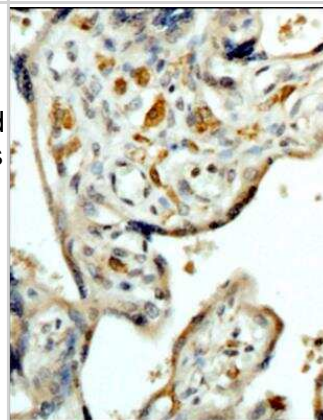


## Images

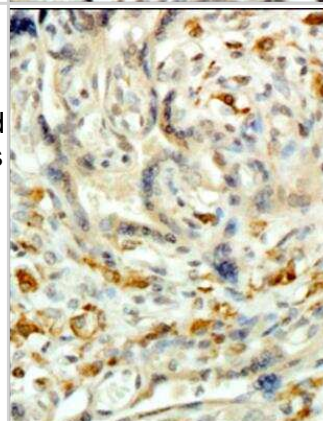
Western Blot: CD163 Antibody (6D3.2F3) [NBP2-36495] - Analysis of (A) partial recombinant 15 kDa human CD163 protein and (B) human lungs lysate with 2 ug/ml concentration of CD163 antibody clone 6D3.2F3



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

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NBL1-08909	CD163 Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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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