

Product overview

product name	CD163 mouse monoclonal antibody
catalog No.	ATDA00012
Category	Primary antibody
Host	Mouse
Species specificity	This antibody detects endogenous levels of human CD163. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section
Tested applications	IHC-p
Clonality	Monoclonal
Immunogen	Synthesized peptide derived from human CD163.
Alternative Names	Scavenger receptor cysteine-rich type 1 protein M130(Hemoglobin scavenger receptor) ,CD antigen CD163,cleaved into:Soluble CD163 (sCD163),M130
Uniprot ID	Q86VB7

Product performance

Form	Liquid
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Stored at -20°C.Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Isotype	IgG1,Kappa

Dilution range

IHC-p:1:100-1:500

Product background

CD163 molecule(CD163) Homo sapiens The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily,and is exclusively expressed in monocytes and macrophages.It functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages,and may thereby



protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

