

Anti-CD163 Polyclonal Antibody 3

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Rat,Mouse)
Molecular Weight:	Theoretical: 121 kDa. Actual: 105 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Human A375 cell lysates Lane 2: Human HeLa cell lysates Lane 3: Human HL-60 cell lysates
Verified Activity:	Primary: Anti-CD163 (TMAB-03868) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 121 kDa Observed band size: 105 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human CD163
Antigen Species:	Human
Gene ID:	9332
Uniprot ID:	Q86VB7

Research Background

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. [provided by RefSeq, Aug 2011]

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