

## Anti-CD163 Polyclonal Antibody 2

### Product Details

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

### Applications

Verified Activity:	1. Sample:
	Lane 1: Hela (Human) Cell Lysate at 30 µg
	Lane 2: HL60 (Human) Cell Lysate at 30 µg
	Primary: Anti-CD163 (TMAB-03867) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 110 kD
	Observed band size: 110 kD
	2. Sample:
	Hela (Human) Cell Lysate at 30 µg
	Primary: Anti-CD163 (TMAB-03867) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 121 kD
	Observed band size: 130 kD
	3. Sample:
	Lymph node (Mouse) Lysate at 40 µg
Primary: Anti-CD163 (TMAB-03867) at 1/300 dilution	
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution	
Predicted band size: 121 kD	
Observed band size: 130 kD	
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

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### 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481