

Anti-CD163 Antibody (8S617)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 125 kDa. Actual: 150 kDa.
Clone:	8S617
Purification:	Protein A purified

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD163 Monoclonal Antibody, Unconjugated (TMAB-03869) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD163 Monoclonal Antibody, Unconjugated (TMAB-03869) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Human Ovarian Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD163 Monoclonal Antibody, Unconjugated (TMAB-03869) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD163 Monoclonal Antibody, Unconjugated (TMAB-03869) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD163 Monoclonal Antibody, Unconjugated (TMAB-03869) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD163 Monoclonal Antibody, Unconjugated (TMAB-03869) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

Application: IHC-P,IHC-Fr,IF

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

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: A synthesized 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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