

CD163 polyclonal antibody

Catalog: BS71200

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

145KDa

Swiss-Prot:

Q86VB7

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:1000|IHC,1:50 - 1:200|IF/ICC,1:50 - 1:200

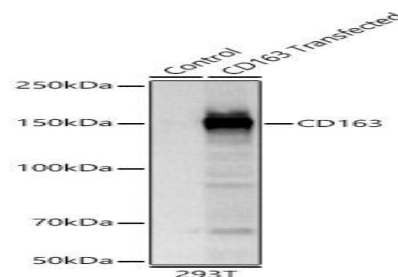
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Polyclonal Antibodies

DATA:



Western blot analysis of 293T-CD163, using CD163 Rabbit pAb at 1:1000 dilution.

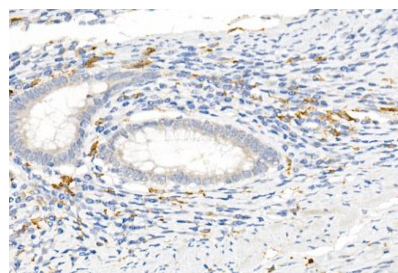
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

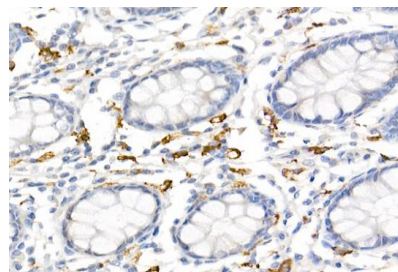
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunohistochemistry of paraffin-embedded human colon carcinoma using CD163 Rabbit pAb at dilution of 1:50. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human colon using CD163 Rabbit pAb at dilution of 1:50. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with

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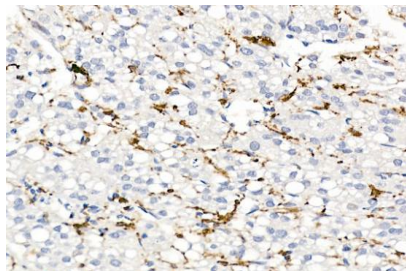
Fax: 0086-025-68035151



PRODUCT DATA SHEET

Bioworld Biotech Co., Ltd

IHC staining protocol.



Immunohistochemistry of paraffin-embedded human liver cancer using CD163 Rabbit pAb at dilution of 1:50 .Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with

IHC staining protocol.

Note:

For research use only, not for use in diagnostic procedure.

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