

CD163 monoclonal antibody

Catalog: MB22854 Host: Mouse Reactivity: Human, Mouse, Rat, Rabbit, Monkey

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:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

125.4kDa

Swiss-Prot:

Q86VB7

Purification&Purity:

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

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

Storage&Stability:

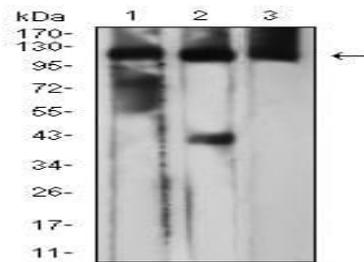
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

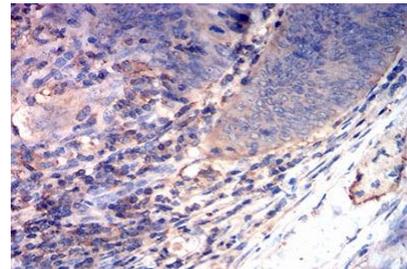
Isotype:

Mouse IgG1

DATA:



Western blot analysis using CD163 mouse mAb against Raw264.7 (1), NIH/3T3 (2), and HL-60 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CD163 mouse mAb with DAB staining.

Note:

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

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