

CSF1R monoclonal antibody

Catalog: MB21777

Host: Mouse

Reactivity: Human

BackGround:

The protein encoded by this gene is the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. This receptor mediates most if not all of the biological effects of this cytokine. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. Mutations in this gene have been associated with a predisposition to myeloid malignancy. The first intron of this gene contains a transcriptionally inactive ribosomal protein L7 processed pseudogene oriented in the opposite direction.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

108kDa

Swiss-Prot:

P07333

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:

IHC:1/200 - 1/1000 IF:1/200 - 1/1000

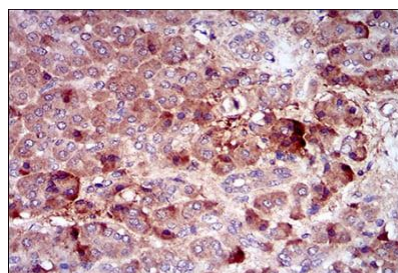
Storage&Stability:

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

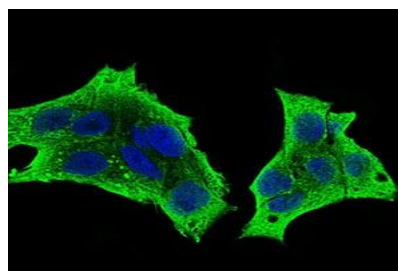
Isotype:

Mouse IgG2b

DATA:



Immunohistochemical analysis of paraffin-embedded human pancreas tissues using CSF1R mouse mAb with DAB staining.



Immunofluorescence analysis of HepG2 cells using CSF1R mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Secondary antibody from Fisher (Cat#: 35503)

Note:

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

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