

SF20 Rabbit mAb

Catalog # AP76306

Product Information

Application	WB
Primary Accession	Q969H8
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	18795

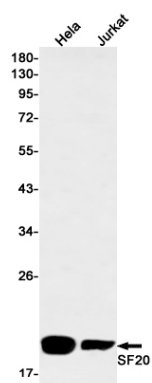
Additional Information

Gene ID	56005
Other Names	MYDGF
Dilution	WB~~1/500-1/1000
Format	Liquid

Protein Information

Name	MYDGF (HGNC:16948)
Function	Bone marrow-derived monocyte and paracrine-acting protein that promotes cardiac myocyte survival and adaptive angiogenesis for cardiac protection and/or repair after myocardial infarction (MI). Stimulates endothelial cell proliferation through a MAPK1/3-, STAT3- and CCND1-mediated signaling pathway. Inhibits cardiac myocyte apoptosis in a PI3K/AKT-dependent signaling pathway (By similarity). Involved in endothelial cell proliferation and angiogenesis (PubMed: 25581518).
Cellular Location	Secreted. Endoplasmic reticulum-Golgi intermediate compartment. Endoplasmic reticulum. Golgi apparatus. Note=The C-terminal RTEL motif may provide retention in the endoplasmic reticulum
Tissue Location	Expressed in eosinophils (at protein level) (PubMed:29954947). Expressed in bone marrow cells (PubMed:25581518) Expressed in synovial tissue. Found in synovial fluid of patients with arthropaties (PubMed:17362502).

Images



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