ARG44208
anti-SF20 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SF20
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SF20
Species	Human
Immunogen	Recombinant protein of Human SF20
Conjugation	Un-conjugated
Alternate Names	MYDGF; Myeloid Derived Growth Factor; R33729_1; IL25; SF20; Interleukin 27 Working Designation; Myeloid-Derived Growth Factor; C19orf10; IL-25; IL-27; IL27; Stromal Cell-Derived Growth Factor SF20; Chromosome 19 Open Reading Frame 10; UPF0556 Protein C19orf10; EUROIMAGE1875335; Interleukin-25; C19ORF10; IL27w; IL27W

Application Instructions

Application table

Application	Dilution
FACS	1-3 µg/1x10^6 cells
IHC-P	2-5 µg/ml
WB	0.1-0.25 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

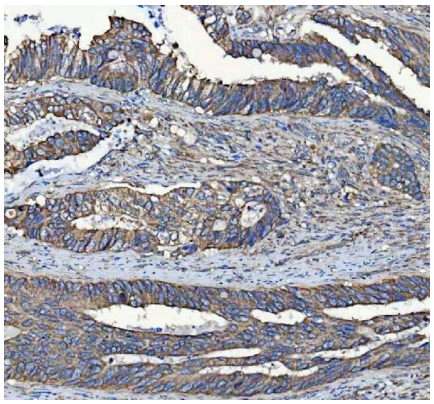
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

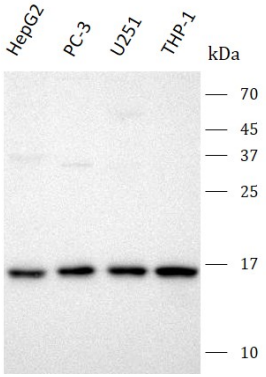
Gene Symbol	MYDGF
Gene Full Name	Myeloid Derived Growth Factor
Background	The protein encoded by this gene was previously thought to support proliferation of lymphoid cells and was considered an interleukin. However, this activity has not been reproducible and the function of this protein is currently unknown.
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.
Calculated Mw	19 kDa
Cellular Localization	Endoplasmic reticulum, Golgi apparatus, Secreted

Images



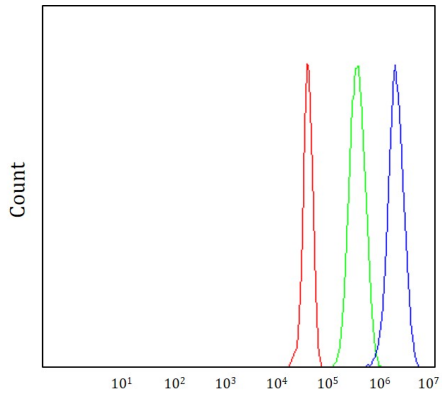
ARG44208 anti-SF20 antibody IHC-P image

Immunohistochemistry: Human colorectal adenocarcinoma stained with ARG44208 anti-SF20 antibody at 2 µg/mL dilution.



ARG44208 anti-SF20 antibody WB image

Western blot: HepG2, PC-3, U251 and THP-1 stained with ARG44208 anti-SF20 antibody at 0.25 µg/mL dilution.

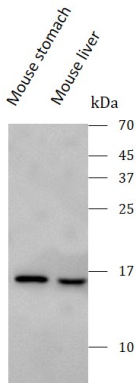


ARG44208 anti-SF20 antibody FACS image

Flow Cytometry: JK stained with ARG44208 anti-SF20 antibody at 1 µg/1x10^6 cells dilution.

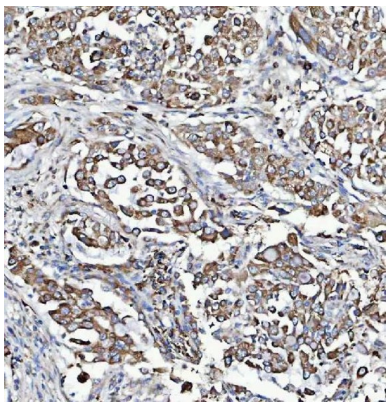
ARG44208 anti-SF20 antibody WB image

Western blot: Rat liver stained with ARG44208 anti-SF20 antibody at 0.25 µg/mL dilution.



ARG44208 anti-SF20 antibody WB image

Western blot: Mouse stomach and Mouse liver stained with ARG44208 anti-SF20 antibody at 0.25 µg/mL dilution.



ARG44208 anti-SF20 antibody IHC-P image

Immunohistochemistry: Human lung cancer stained with ARG44208 anti-SF20 antibody at 2 µg/mL dilution.