

Anti-GDF11 antibody

Cat. No.	ml161486
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-GDF11 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human GDF11
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GDF11
Full name	growth differentiation factor 11
Synonyms	BMP11; BMP-11
Swissprot	O95390

Target Background

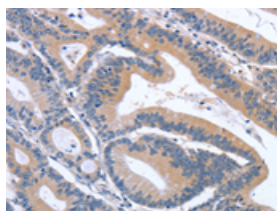
The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice and Xenopus suggest that this protein is involved in mesodermal formation and neurogenesis during embryonic development.

订购热线: 4008-898-798

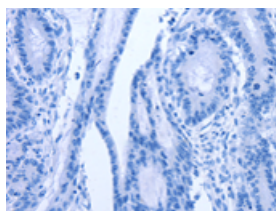
Applications

Immunohistochemistry

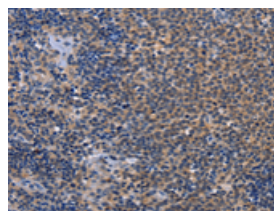
Predicted cell location: Cytoplasm
Positive control: Human colon cancer
Recommended dilution: 25-100



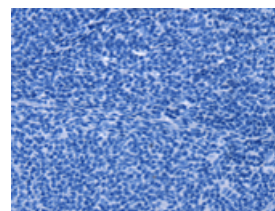
The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml161486(GDF11 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



Predicted cell location: Cytoplasm
Positive control: Human Lymphoma
Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human Lymphoma tissue using ml161486(GDF11 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



Western blotting

Predicted band size: 45 kDa
Positive control: HeLa and 293T cell
Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

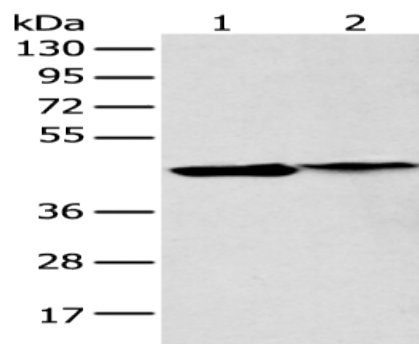
Lysate: 40 μ g

Lane 1-2: HeLa and 293T cell

Primary antibody: ml161486(GDF11 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5MIN



ELISA

Recommended dilution: 2000-5000

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