Product Datasheet

FAP1 Rabbit mAb

Catalog No: #49535

Package Size: #49535-1 50ul #49535-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

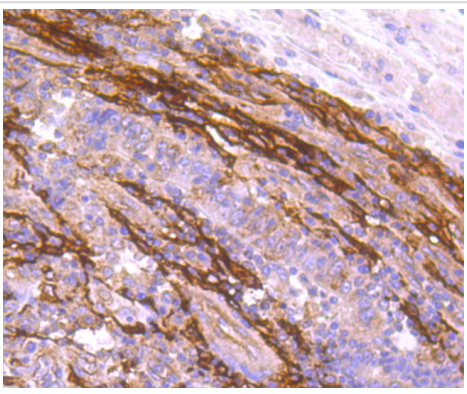
Description

Product Name	FAP1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	APO1/CD95 (Fas) associated phosphatase antibody DKFZp686J1497 antibody FAP 1 antibody FAP1 antibody Fas associated phosphatase 1 antibody Fas associated protein tyrosine phosphatase 1 antibody HGNC:9646 antibody hPTPE1 antibody Phosphatase rip antibody PNP 1 antibody PNP1 antibody Protein tyrosine phosphatase 1 Fas associated antibody protein tyrosine phosphatase 1E antibody Protein tyrosine phosphatase non receptor type 13 antibody Protein tyrosine phosphatase nonreceptor type 13 antibody Protein tyrosine phosphatase PTPL1 antibody protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase) antibody PTP BAS antibody PTP BL antibody PTP E1 antibody PTP1E antibody PTPL 1 antibody PTPL1 antibody PTPLE antibody PTPN 13 antibody PTPN13 antibody Tyrosine protein phosphatase non receptor type 13 antibody
Accession No.	Swiss-Prot#:Q12884
Uniprot	Q12884
GeneID	2191;
Calculated MW	95 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-FAP1 antibody. Counter stained with hematoxylin.

Background

FAP (fibroblast activation protein) is a cell surface glycoprotein and serine protease that is expressed primarily in fetal mesenchymal tissues and epithelial cancer fibroblasts. In cancer, FAP functions to promote cellular proliferation. In embryonic development, FAP functions to remodel developing tissues. FAP acts as an integral membrane gelatinase composed of N-glycosylated proteolytically inactive subunits. FAP expression on chondrocyte membranes is upregulated by the combination of the cytokines IL-1 and OSM and has been shown to increase in osteoarthritic patients. This expression is co-localized with MMP-1and MMP-13 as well as CD44 (variants v3 and v7/8). Mice that lack all copies of the FAP gene have been found to be fertile and to have developmental defects or change in cancer susceptibility.

References

Note: This product is for in vitro research use only