

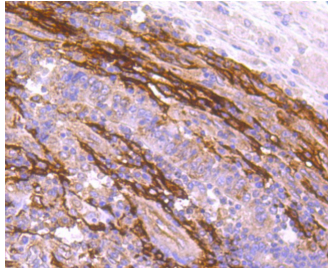
Anti-FAP1 Antibody (6P590)

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 95 kDa.
Clone:	6P590
Purification:	ProA affinity purified

Applications

Verified Activity: 1. Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-FAP1 antibody. Counter stained with hematoxylin.



Application:	IHC, WB
Recommended	WB: 1:500-1000; IHC: 1:50-200

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q12884
Synonyms:	FAP; FAPA; SIMP; DPPIVA; Seprase; FAP α ; DPPIV; APCE; FAPalpha

Research 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-1 and 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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