



Anti-FAP monoclonal antibody, clone 538920 (DCABY-3934)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	FAP (fibroblast activation protein-alpha; also known as seprase) is a type II transmembrane serine protease that degrades gelatin, Type I collagen, and N-terminal prolines. FAP is induced on reactive stromal fibroblasts in epithelial cancers, sarcomas, and granulation tissue, and may play roles in tumor invasion, tissue remodeling, and wound repair.
Specificity	Detects human Fibroblast Activation Protein alpha/FAP in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human DPP6 is observed.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant human Fibroblast Activation Protein alpha/FAP. Leu26-Asp760 Accession Number Q12884
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	538920
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Flow Cytometry, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

Preservative	None
Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

GENE INFORMATION

Gene Name	FAP fibroblast activation protein, alpha [Homo sapiens (human)]
Official Symbol	FAP
Synonyms	FAP; fibroblast activation protein, alpha; FAPA; DPPIV; seprase; integral membrane serine protease; 170 kDa melanoma membrane-bound gelatinase;
Entrez Gene ID	2191
Protein Refseq	NP_001278736
UniProt ID	B4DLR2
Chromosome Location	2q23
Function	<p>dipeptidyl-peptidase activity; endopeptidase activity; metalloendopeptidase activity; peptidase activity; protease binding; protein binding; protein dimerization activity; protein homodimerization activity; serine-type endopeptidase activity; serine-type</p>