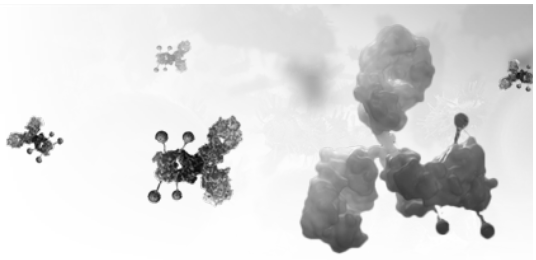

Mouse Anti-Mouse Fibroblast Activation Protein monoclonal antibody, clone 84.4 (CABT-L3217)

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

PRODUCT INFORMATION

Product Overview	This mouse IgG1 monoclonal antibody was raised against Fibroblast Activation Protein (FAP) - expressing 3T3 cells and recognizes mouse FAP.
Specificity	This mouse IgG1 monoclonal antibody was raised against Fibroblast Activation Protein (FAP) - expressing 3T3 cells and recognizes mouse FAP. This clone is suitable for Western Blot, ELISA and Immunoprecipitation applications.
Immunogen	FAP-expressing 3T3 cells
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse
Clone	84.4
Purification	Protein G purified
Conjugate	Unconjugated
Applications	WB, ELISA, IP
Format	Liquid
Size	100 µg
Buffer	0.1M Sodium Phosphate, pH 7.4, 0.15M NaCl

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Preservative	0.05% (w/v) sodium azide
Storage	Long time storage is recommended at -20°C.
Ship	Wet ice

BACKGROUND

Introduction	Fibroblast activation protein (FAP), also known as seprase, is a cell surface, type II integral transmembrane serine protease encoded by the Fap gene. It displays in vitro gelatinase, endopeptidase, and potentially collagenase activity. FAP has been detected on pericytes, bone marrow-derived mesenchymal stem cells, and a small population of macrophages. FAP is highly expressed on mesenchymal cells during embryogenesis and is repressed shortly after birth. FAP expression is up-regulated on activated fibroblasts in conditions associated with matrix remodeling, such as sites of inflammation in disease including wound healing, fibrosis, rheumatoid arthritis and osteoarthritis, liver disease, inflammatory bowel diseases, and several types of cancer.
Keywords	FAP;fibroblast activation protein, alpha;FAPA;DPPIV;seprase;integral membrane serine protease;170 kDa melanoma membrane-bound gelatinase;

GENE INFORMATION

Synonyms	FAP; fibroblast activation protein, alpha; FAPA; DPPIV; seprase; integral membrane serine protease; 170 kDa melanoma membrane-bound gelatinase;
Entrez Gene ID	14089

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