

Datasheet for ABIN7543216

Recombinant anti-FAP antibody[Go to Product page](#)

Overview

Quantity:	200 µg
Target:	FAP
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This FAP antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-FAP [3F2], Rabbit IgG, kappa
Clone:	3F2
Isotype:	IgG kappa
Specificity:	This antibody can bind human, mouse and cynomolgus monkey fibroblast activation protein.
Cross-Reactivity:	Cynomolgus, Mouse
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG2a
Purification:	Protein A affinity purified

Target Details

Target:	FAP
Alternative Name:	FAP (FAP Products)
Background:	Seprase, Fibroblast activation protein, Prolyl endopeptidase FAP, 170 kDa melanoma membrane-bound gelatinase, Dipeptidyl peptidase FAP, FAPalpha, Fibroblast activation protein alpha, Gelatin degradation protease FAP, Integral membrane serine protease, Post-proline cleaving enzyme, Serine integral membrane protease, SIMP, Surface-expressed protease
UniProt:	Q12884
Pathways:	Tube Formation

Application Details

Application Notes:	The original mouse antibody was used to check the expression levels of FAP on the surface of GM05389 lung fibroblasts using flow cytometry. The original mouse IgG1 version of this antibody binds human, mouse and cynomolgus monkey FAP with an avidity of 39 pM, 29 pM and 42 pM respectively. Binding of human IgG1 antibody 3F2 to human and murine FAP expressed on stably transfected HEK293 cells, human fibroblasts cell line GM05389 was measured by flow cytometry. The mouse IgG2a version of this antibody was also used for the immunohistochemical stainings of frozen tissue microarray (TMA) containing 10 invasive ductal carcinomas of the breast, 10 colorectal adenocarcinomas and 10 non-small cell lung cancers (US20200079873).
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2a format for improved compatibility with existing reagents assays and techniques.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.