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Datasheet for ABIN7092954 anti-FAP antibody (AA 30-760)

2 Images



Overview

Quantity:	100 µg
Target:	FAP
Binding Specificity:	AA 30-760
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This FAP antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant human FAP(Arg30-Asp760) (ABIN7092782) produced by using human HEK293 cells
Clone:	DM154
Isotype:	lgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

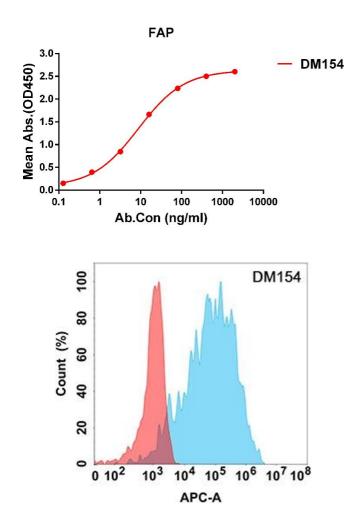
Target:	FAP
Alternative Name:	FAP (FAP Products)
Background:	Synonyms:FAP,FAPalpha,SIMP,Seprase,APCE

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Target Details

	Description: The protein encoded by this gene is a homodimeric integral membrane gelatinase belonging to the serine protease family. It is selectively expressed in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. This protein is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	87.7KDa
Pathways:	Tube Formation
Application Details	
Application Notes:	ELISA 1/5000-10000,Flow Cyt 1/100
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.,0.1 % Procline 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

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ELISA

Image 1. ELISA plate pre-coated by $1 \mu g/mL$ (100 $\mu L/well$) Human FAP protein, His tagged protein (ABIN7092782) can bind Rabbit anti-FAP monoclonal antibody(clone: DM154) in a linear range of 1-500 ng/mL.

Flow Cytometry

Image 2. Flow cytometry analysis with Anti-FAP (DM154) on Expi293 cells transfected with human FAP (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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