



Datasheet for ABIN560844
anti-FAP antibody (AA 525-624)



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Overview

Quantity:	100 µg
Target:	FAP
Binding Specificity:	AA 525-624
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FAP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant FAP.
Immunogen:	FAP (AAH26250, 525 a.a. ~ 624 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PPQFDRSKKY PLLIQVYGGP CSQSVRSVFA VNWISYLASK EGMVIALVDG RGTAFAQGDKL LYAVYRKLGV YEVEDQITAV RKFIEMGFID EKRIAIWGWS
Clone:	1E5
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	FAP
Alternative Name:	FAP (FAP Products)
Background:	Full Gene Name: fibroblast activation protein, alpha Synonyms: DKFZp686G13158,DPPIV,FAPA
Gene ID:	2191
Pathways:	Tube Formation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

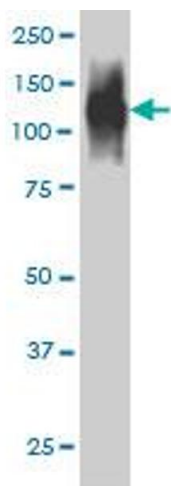
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	<p>Bohonowych, Hance, Nolan, Defee, Parsons, Isaacs: "Extracellular Hsp90 mediates an NF-κB dependent inflammatory stromal program: implications for the prostate tumor microenvironment." in: The Prostate, Vol. 74, Issue 4, pp. 395-407, (2014) (PubMed).</p> <p>Chung, Hsu, Chu, Lin, Jiaang, Chen, Chen: "Fibroblast activation protein (FAP) is essential for the migration of bone marrow mesenchymal stem cells through RhoA activation." in: PLoS ONE, Vol. 9, Issue 2, pp. e88772, (2014) (PubMed).</p> <p>Denys, Derycke, Hendrix, Westbroek, Gheldof, Narine, Pauwels, Gespach, Bracke, De Wever: "Differential impact of TGF-beta and EGF on fibroblast differentiation and invasion reciprocally promotes colon cancer cell invasion." in: Cancer letters, Vol. 266, Issue 2, pp. 263-74, (2008) (PubMed).</p> <p>Wang, Yao, Nadvi, Osborne, McCaughan, Gorrell: "Fibroblast activation protein and chronic liver</p>
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disease." in: **Frontiers in bioscience : a journal and virtual library**, Vol. 13, pp. 3168-80, (2007) ([PubMed](#)).

Images

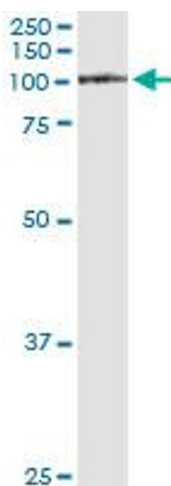


Western Blotting

Image 1. FAP monoclonal antibody (M01), clone 1E5 Western Blot analysis of FAP expression in HepG2 .

ELISA

Image 2. Detection limit for recombinant GST tagged FAP is approximately 0.1ng/ml as a capture antibody.



Western Blotting

Image 3. Immunoprecipitation of FAP transfected lysate using anti-FAP monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with FAP MaxPab rabbit polyclonal antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN560844.