EPR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EPR1, Polyclonal Antibody
Full Product Name	EPR1 Antibody FITC Conjugated
Product Gene Name	anti-EPR1 antibody
Product Synonym Names	Effector cell peptidase receptor 1; Effector cell protease receptor 1; EPR 1; EPR1; EPR-1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Purity/Purification	Purified by Protein A
Concentration	1mgml (lot specific)
Preparation and Storage	Store at 4 degree C for 12 months.
Conjugation	FITC
Excitation Emission	494nm 518nm
Immunogen	KLH conjugated synthetic peptide derived from human EPR1
Product Categories/Family for anti-EPR1 antibody	Conjugated Primary Antibodies
Applications Tested/Suitable for anti-EPR1 antibody	Immunofluorescence (IF)
Application Notes for anti-EPR1 antibody	IF: 1:50-200
Related Product Information for anti-EPR1 antibody	Cellular receptors for blood proteases regulate chemotaxis, extracellular proteolysis, and growth behavior of normal and malignant cells. Effector cell protease receptor-1 (EPR1) is a receptor for the coagulation protease factor Xa. EPR1 is characterized by a cysteine-rich extracellular module, a single membrane-spanning domain, and a serine-rich cytoplasmic tail featuring at least 15 potential phosphorylation sites. EPR1 also contains 2 N-linked glycosylation sites, 4 O-linked glycosylation sites, and a chondroitin sulfate attachment site, which may provide anchoring for carbohydrate chains, EPR1 transfectants bind to factor Xa in a specific and saturable manner, and in the absence of factor V Va promote prothrombin activation in a factor Xa concentration-dependent reaction. Activated platelets and megakaryocytes express EPR1. Both EPR1 and membrane-bound factor Va are thought to be required to mediate factor Xa binding to the activated platelet to form a functional prothrombinase complex.
Other Notes	Small volumes of anti-EPR1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for EPR1 purchase	MBS9461969 is an antibody targeting EPR1. Also known as EPR1 Antibody FITC Conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EPR1. It may not necessarily be applicable to this product.

NCBI GeneID	8475
Protein Family	Proline-rich extensin-like protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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