

PAR2 recombinant antibody

Anti-PAR2 [1B5], Rabbit IgG, lambda

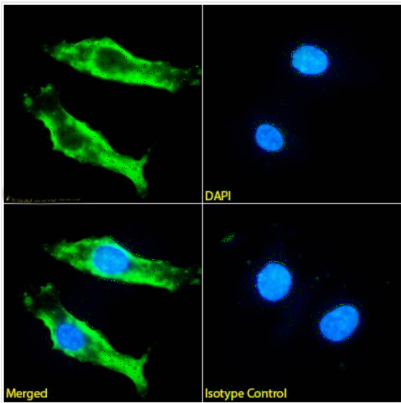
CATALOG # AAA72546	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

PAR2; Monoclonal Recombinant Antibody; Anti-PAR2 [1B5]; Rabbit IgG; lambda; F2RL1; PAR-2; GPR11; Proteinase-activated receptor 2; Coagulation factor II receptor-like 1; G-protein coupled receptor 11; Thrombin receptor-like 1; PAR2 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG lambda
Clone Number	1B5
Specificity	This antibody binds human PAR2 or proteinase-activated receptor 2 upstream to its cleavage site. PAR2 acts as a receptor for trypsin and trypsin-like enzymes coupled to G proteins.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for PAR2 recombinant antibody	ELISA
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



IF (Immunofluorescence)
Immunofluorescence staining of HepG2 cells with anti-PAR2 antibody 1B5 (AAA72546). Immunofluorescence analysis of paraformaldehyde-fixed HepG2 cells on Shifix coverslips stained with the chimeric rabbit IgG version of 1B5 (AAA72546) (1:100 dilution) for 1 h followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing membranous staining. The nucleus is stained DAPI (blue). From left to right, top to bottom: AAA72546, DAPI, merged channels, and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for PAR2 recombinant antibody	The original antibody was generated by immunizing XenoMouse with PAR-2 antigen.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34577052
NCBI GeneID	2150
NCBI Accession #	NP_005233.3
NCBI GenBank Nucleotide #	NM_005242.4
UniProt Accession #	P55085; Q13317; Q13346; Q53XJ8
Molecular Weight	44,126 Da
NCBI Official Full Name	proteinase-activated receptor 2
NCBI Official Synonym Full Names	coagulation factor II (thrombin) receptor-like 1
NCBI Official Symbol	F2RL1
NCBI Official Synonym Symbols	PAR2; GPR11
NCBI Protein Information	proteinase-activated receptor 2; thrombin receptor-like 1; G-protein coupled receptor 11; protease-activated receptor 2; coagulation factor II receptor-like 1
UniProt Protein Name	Proteinase-activated receptor 2
UniProt Gene Name	F2RL1
UniProt Synonym Gene Names	GPR11; PAR2; PAR-2
UniProt Entry Name	PAR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.