Datasheet for ABIN185502

anti-FPR2 antibody (AA 328-339)

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1 Image

Overview

Quantity:	100 µg
Target:	FPR2
Binding Specificity:	AA 328-339
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FPR2 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	FPRL1 (aa328-339)
Immunogen:	Peptide with sequence C-DSAPTNDTAANS, from the C Terminus of the protein sequence according to NP_001005738.1, NP_001453.1.
Sequence:	DSAPTNDTAA NS
Isotype:	IgG
Specificity:	Both reported variants (NP_001005738.1 and NP_001453.1) are identical proteins.
Predicted Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

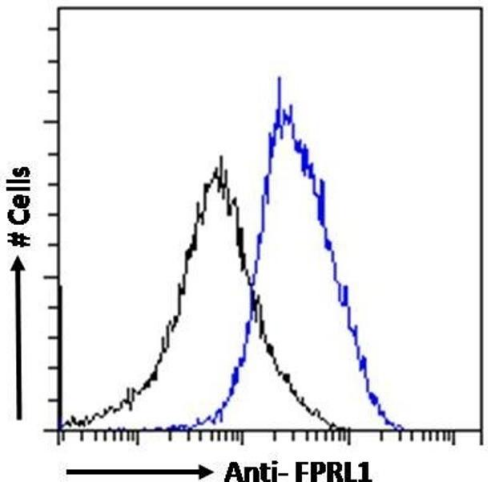
Target:	FPR2
Alternative Name:	FPR2 (FPR2 Products)
Background:	FPR2, FPRL1, ALXR, HM63, FMLPX, FPR2A, FPRH1, FPRH2, LXA4R, FMLP-R-II, formyl peptide receptor-like 1, lipoxin A4 receptor (formyl peptide receptor related), formyl peptide receptor 2
Gene ID:	2358
NCBI Accession:	NP_001005738, NP_001453

Application Details

Application Notes:	DS WB Results: Preliminary experiments gave an approx 25 kDa band in Human Lymph Node and Tonsil lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 39.0 kDa according to NP_001453.1. The 25 kDa band was successfully blocked by incubation with the immunizing peptide. Have any further splice variants/modified forms been reported? Peptide ELISA: antibody detection limit dilution 1:2000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Flow Cytometry

Image 1. ABIN185502 Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) fol