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anti-FPR2 antibody (N-Term)



Image



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Quantity:	50 μg
Target:	FPR2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Brand:	IHC-plus™
Immunogen:	Synthetic 18 amino acid peptide from N-terminal extracellular domain of human FPR2 / FPRL1. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla (100%), Orangutan, Monkey (94%), Marmoset, Rabbit (83%).
Immunogen:	Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla (100%),
Immunogen: Specificity:	Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla (100%), Orangutan, Monkey (94%), Marmoset, Rabbit (83%).
	Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla (100%), Orangutan, Monkey (94%), Marmoset, Rabbit (83%). Type of Immunogen: Synthetic peptide Human FPR2 / FPRL1. BLAST analysis of the peptide immunogen showed no homology with

Target Details

Target:	FPR2	
Alternative Name:	FPR2 / FPRL1 (FPR2 Products)	
Background:	Name/Gene ID: FPR2 Subfamily: Chemoattractant Family: GPCR	
	Synonyms: FPR2, ALXR, FMLP-R-I, FMLP-related receptor I, Fpr-rs1, FPRL1, FPR-like 1, FprI-1, HM63, FMLP-R-II, FMLPX, Formyl peptide receptor-like 1, FPR2A, FPRH1, FPRH2, LXA4 receptor, LXA4R, Lipoxin A4 receptor, Lipoxin receptor, N-formyl peptide receptor 2, Formyl peptide receptor 2	
Gene ID:	2358	

Application Details

Assay Procedure:	cedure: The IHC-pro Immunohistochemistry Protocol	
Comment:	Target Species of Antibody: Human	
Application Notes:	Approved: IHC, IHC-P (20 - 40 μg/mL)	

Tissue Preparation

Formalin fixation and embedding in paraffin wax

Tissue Sectioning

Make 4-µm sections and place on pre-cleaned and charged microscope slides.

Heat in a tissue-drying oven for 45 minutes at 60°C

Deparaffinization

Wash slides in 3 changes of xylene - 5 minutes each at room temperature.

Rehydration

Wash slides in 3 changes of 100% alcohol – 3 minutes each at room temperature.

Wash slides in 2 changes of 95% alcohol – 3 minutes each at room temperature.

Wash slides in 1 change of 80% alcohol – 3 minutes at room temperature.

Rinse slides in gentle running distilled water – 5 minutes at room temperature.

Antigen retrieval

Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes

Remove from heat and let stand at room temperature in buffer - 20 minutes

Rinse in 1X TBS with Tween (TBST) – 1 minute at room temperature.

Immunostaining

Do not allow tissues to dry at any time during the staining procedure.

Apply a universal protein block - 20 minutes at room temperature.

Drain protein block from slides, apply diluted primary antibody – 45 minutes at room temperature.

Rinse slides in 1X TBST - 1 minute at room temperature.

Apply a biotinylated secondary antibody (specific to the host of the primary antibody) - 30 minutes at room temperature.

Rinse slides 1X TBST – 1 minute at room temperature.

Apply alkaline phosphatase streptavidin – 30 minutes at room temperature.

Rinse slides in 1X TBST - 1 minute at room temperature.

Apply alkaline phosphatase chromogen substrate – 30 minutes at room temperature.

Wash slides in distilled water – 1 minute at room temperature.

Dehydrate

This method should only be used if the chromogen substrate is alcohol insoluble.

Wash slides in 2 changes of 80% alcohol – 1 minute each at room temperature.

Wash slides in 2 changes of 95% alcohol – 1 minute each at room temperature.

Wash slides in 3 changes of 100% alcohol – 1 minute each at room temperature.

Wash slides in 3 changes of xylene – 1 minute each at room temperature.

Apply coverslip

Restrictions:

For Research Use only

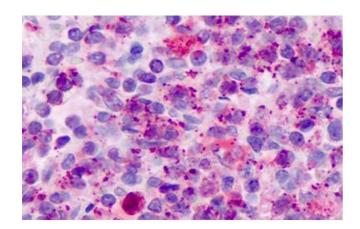
Handling

Format:	Liquid	
Concentration:	Lot specific	
Buffer:	PBS, less than 0.1 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	

Handling

	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Anti-FPR2 / FPRL1 antibody IHC staining of human spleen, neutrophils. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1048607 dilution 20-40 ug/ml.