

Datasheet for ABIN1049232  
**anti-F2RL1 antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	50 µg
Target:	F2RL1
Binding Specificity:	C-Term
Reactivity:	Human, Monkey
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 C-terminus of human F2RL1. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%), Bovine, Hamster, Rabbit (94%), Marmoset, Elephant, Panda, Pig, Opossum (89%), Mouse, Dog (83%).  Type of Immunogen: Synthetic peptide
Specificity:	Human F2RL1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%) Bovine, Hamster, Rabbit (94%) Marmoset, Elephant, Panda, Pig, Opossum (89%) Mouse, Dog (83%).
Purification:	Immunoaffinity purified

## Target Details

Target:	F2RL1
Alternative Name:	F2RL1 / PAR2 ( <a href="#">F2RL1 Products</a> )
Background:	Name/Gene ID: F2RL1 Subfamily: Proteinase-activated Family: GPCR  Synonyms: F2RL1, PAR2, Thrombin receptor-like 1, Protease-activated receptor 2, G-protein coupled receptor 11, GPR11, PAR-2
Gene ID:	2150
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	Approved: IHC, IHC-P (5 - 10 µg/mL)
Comment:	Target Species of Antibody: Human
Assay Procedure:	<b>The IHC-pro Immunohistochemistry Protocol</b>

### 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

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Restrictions:	For Research Use only
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### Handling

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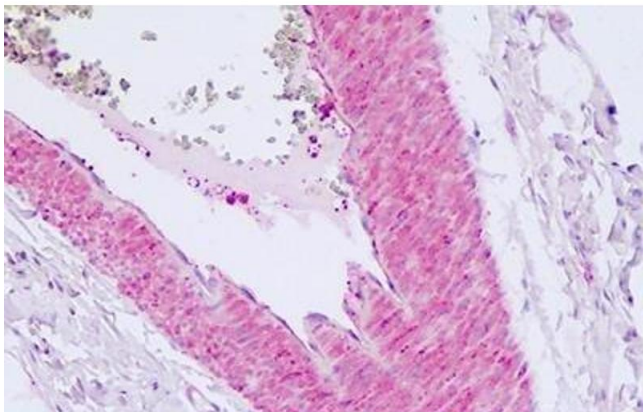
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
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Handling

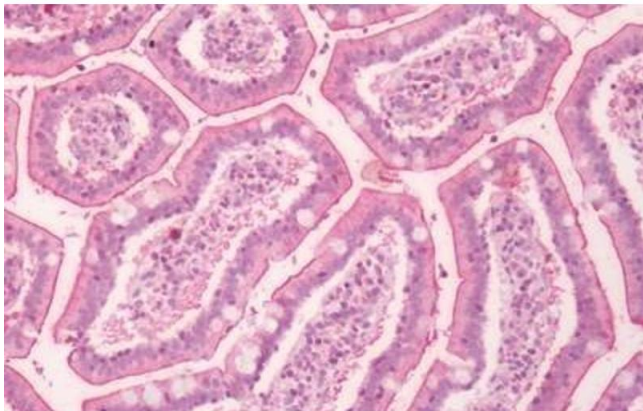
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



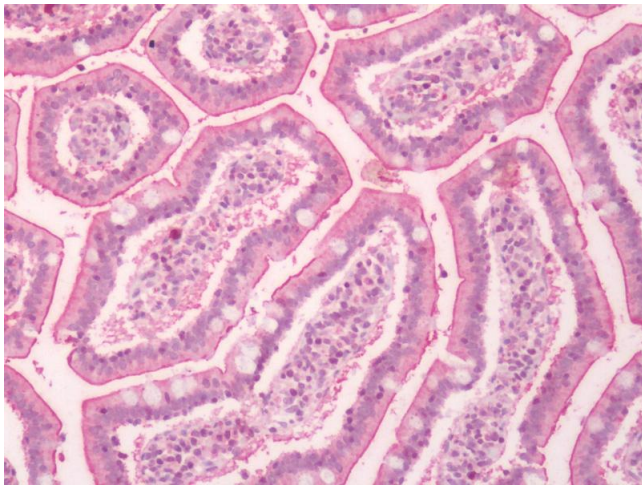
Immunohistochemistry

**Image 1.** Human, Vascular smooth muscle: Formalin-Fixed Paraffin-Embedded (FFPE)



Immunohistochemistry

**Image 2.** Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



#### Immunohistochemistry

**Image 3.** Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)