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Datasheet for ABIN1048595 anti-F2RL3 antibody (Extracellular Domain)

2 Images



Overview

Quantity:	50 µg
Target:	F2RL3
Binding Specificity:	Extracellular Domain
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This F2RL3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 16 amino acid peptide from 2nd extracellular domain of human F2RL3 / PAR4. Percent identity with other species by BLAST analysis: Human, Monkey (100%), Gorilla, Gibbon (94%), Marmoset, Mouse, Dog, Bovine, Panda (81%).
	Type of Immunogen: Synthetic peptide
Specificity:	Human F2RL3 / PAR4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Monkey (100%) Gorilla, Gibbon (94%) Marmoset, Mouse, Dog, Bovine, Panda (81%).
Purification:	Immunoaffinity purified

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Target Details	
Target:	F2RL3
Alternative Name:	F2RL3 / PAR4 (F2RL3 Products)
Background:	Name/Gene ID: F2RL3
	Subfamily: Proteinase-activated
	Family: GPCR
	Synonyms: F2RL3, PAR4, Thrombin receptor-like 3, Par-4, Protease-activated receptor-4
Gene ID:	9002
Pathways:	Carbohydrate Homeostasis, Regulation of Carbohydrate Metabolic Process
Application Details	
Application Notes:	Approved: IHC, IHC-P (2 - 5 µg/mL)
Comment:	Target Species of Antibody: Human
Assay Procedure:	The IHC-pro Immunohistochemistry Protocol
	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
	Pemove from heat and let stand at room temperature in huffer - 20 minutes

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

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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 should be handled by trained staff only.
Storage:	4 °C,-20 °C

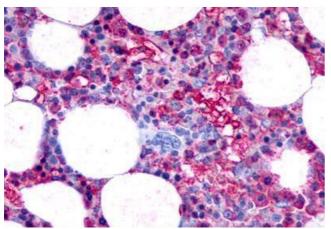
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/4 | Product datasheet for ABIN1048595 | 09/12/2023 | Copyright antibodies-online. All rights reserved. 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

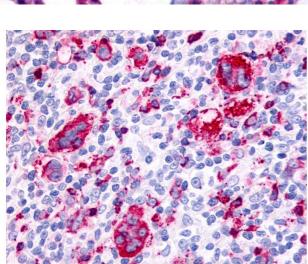


Immunohistochemistry

Image 1. Anti-F2RL3 / PAR4 antibody ABIN1048595 IHC staining of human bone marrow. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Immunohistochemistry

Image 2. Anti-F2RL3 / PAR4 antibody IHC of human Lymph Node, Hodgkins Lymphoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



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