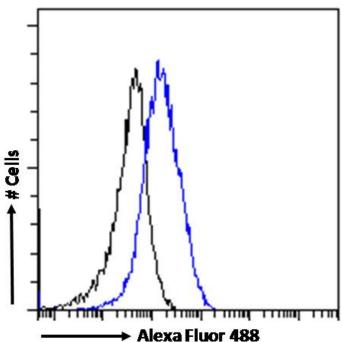
Email: customerservice@vectorlabs.com

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GOAT ANTI-P2X4 / P2X4R ANTIBODY





SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 μg

Aliquot and store at -20°C. Minimize freezing and thawing.

Alias

Synonym / purinoceptor P2X4|purinergic receptor P2X4|purinergic receptor P2X4|purinergic receptor, subunit 4|P2X purinoceptor 4|ATP-gated cation channel protein|ATP receptor|purinergic receptor P2X, ligand-

Names gated ion channel, 4|P2RX4|P2X4R|P2X4

Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: Usage

Summary 10ug/ml.

Accession ID

NP_002551.2; NP_001243725.1; NP_001248326.1

Blocking Peptide

EBP08830

Immunogen

Peptide with sequence C-YREKKYKYVEDYEQ, from the C Terminus of the protein sequence according to NP_002551.2; NP_001243725.1; NP_001248326.1.





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Peptide

C-YREKKYKYVEDYEQ

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Instructions

Refrigerated

Predicted Species

Human, Mouse, Rat, Dog, Cow

Reactive

Human **Species**

Human

5025

Gene ID

Mouse

18438 Gene ID Rat Gene ID 29659

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

Grade **ELISA**

Detection

Antibody detection limit dilution 1:128000.

Limit

Approx 60kDa band observed in Human Kidney lysates and in preliminary testing of Human Liver lysate

Western Blot

(calculated MW of 43.4kDa according to NP_002551.2). This molecular weight is routinely observed by other

sources and was successfully blocked by incubation with the immunizing peptide. Recommended

concentration: 0.3-1ug/ml. Primary incubation 1 hour at room temperature.

Application

Pep-ELISA, WB, FC Type

SELECTED REFERENCES

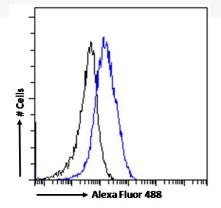
[{"pmid": 20025063, "intro": "This antibody (previous batch) has been successfully used in the following paper:", "title": "Role of mast cell activation in inducing microglial cells to release neurotrophin.", "author": "Yuan H, Zhu X, Zhou S, Chen Q, Zhu X, Ma X, He X, Tian M, Shi X.", "journal": "J Neurosci Res. 2010 May 1;88(6):1348-54."}, {"pmid": 21106936, "intro": "This antibody (previous batch) has been successfully used in the following paper:", "title": "Regenerative protein thymosin beta-4 is a novel regulator of purinergic signaling.", "author": "Freeman KW, Bowman BR, Zetter BR.", "journal": "FASEB J. 2011 Mar;25(3):907-15."}]

GALLERY IMAGES



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250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa