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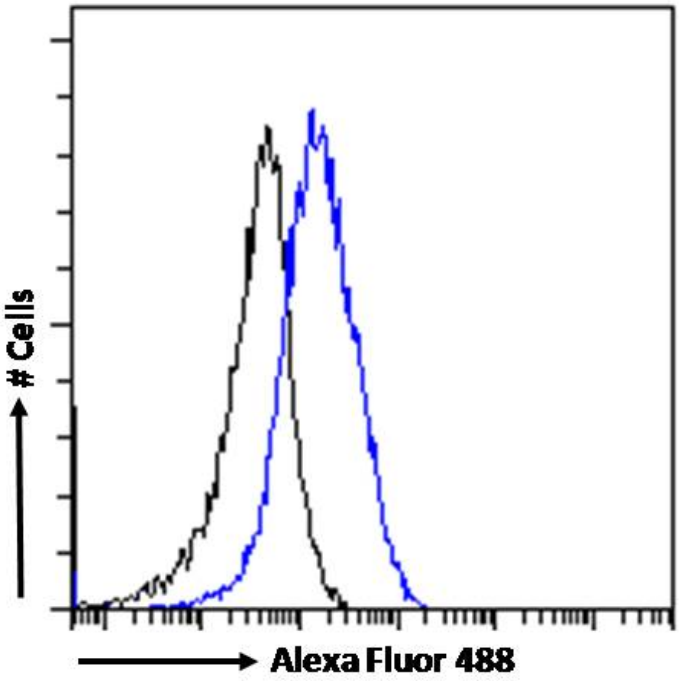
GOAT ANTI-P2X4 / P2X4R ANTIBODY

SKU: EB08830



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
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	purinoceptor P2X4|purinergic receptor P2X4|purinergic receptor P2X ligand-gated ion channel 4|P2X receptor, subunit 4|P2X purinoceptor 4|ATP-gated cation channel protein|ATP receptor|purinergic receptor P2X, ligand-gated ion channel, 4|P2RX4|P2X4R|P2X4
Usage Summary	Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 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.

Peptide Sequence	C-YREKKYKYVEDYEQ
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow
Reactive Species	Human
Human Gene ID	5025
Mouse Gene ID	18438
Rat Gene ID	29659
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 60kDa band observed in Human Kidney lysates and in preliminary testing of Human Liver lysate (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 Type	Pep-ELISA, WB, FC

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."}]

DOCUMENTS

- Data Sheet

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