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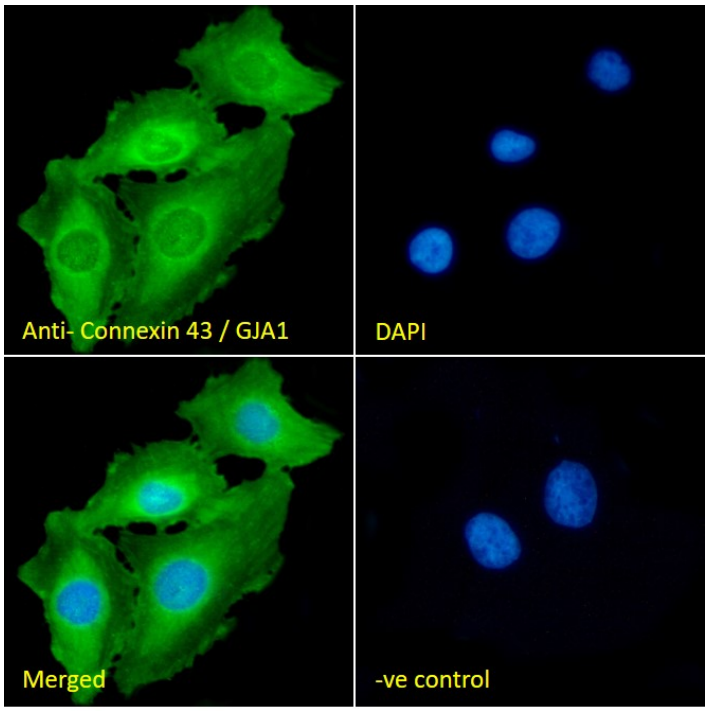
GOAT ANTI-CONNEXIN 43 / GJA1 ANTIBODY

SKU: EB09301



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	gap junction protein, alpha-like|gap junction 43 kDa heart protein|connexin 43|ODDD|GJAL|DFNB38|CX43|gap junction protein, alpha 1, 43kDa|GJA1
Usage Summary	Immunofluorescence: Strong expression of the protein seen in HeLa and U2OS cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.
Accession ID	NP_000156.1
Blocking Peptide	EBP09301

Immunogen	Peptide with sequence C-QPFDFPDDNQNSKK, from the internal region of the protein sequence according to NP_000156.1.
Peptide Sequence	C-QPFDFPDDNQNSKK
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, Rat, Dog
Reactive Species	Human
Human Gene ID	2697
Rat Gene ID	24392
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Approx. 40kDa band observed in Human Cerebellum lysates (calculated MW of 43.0kDa according to NP_000156.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IF, FC

SELECTED REFERENCES

[{"pmid": 26808661, "intro": "**This antibody (previous batch) has been successfully used in IF on Rat:**", "title": "Analysis of the behavioral, cellular and molecular characteristics of pain in severe rodent spinal cord injury.", "author": "Lee-Kubli CA, Ingves M, Henry KW, Shiao R, Collyer E, Tuszynski MH, Campana WM.", "journal": "Exp Neurol. 2016 Apr; 278:91-104."}]

GALLERY IMAGES

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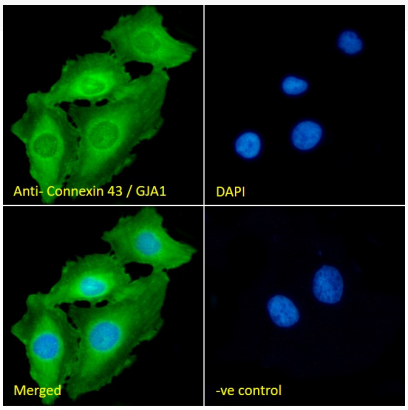

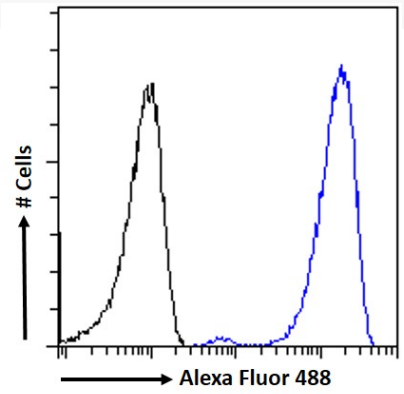

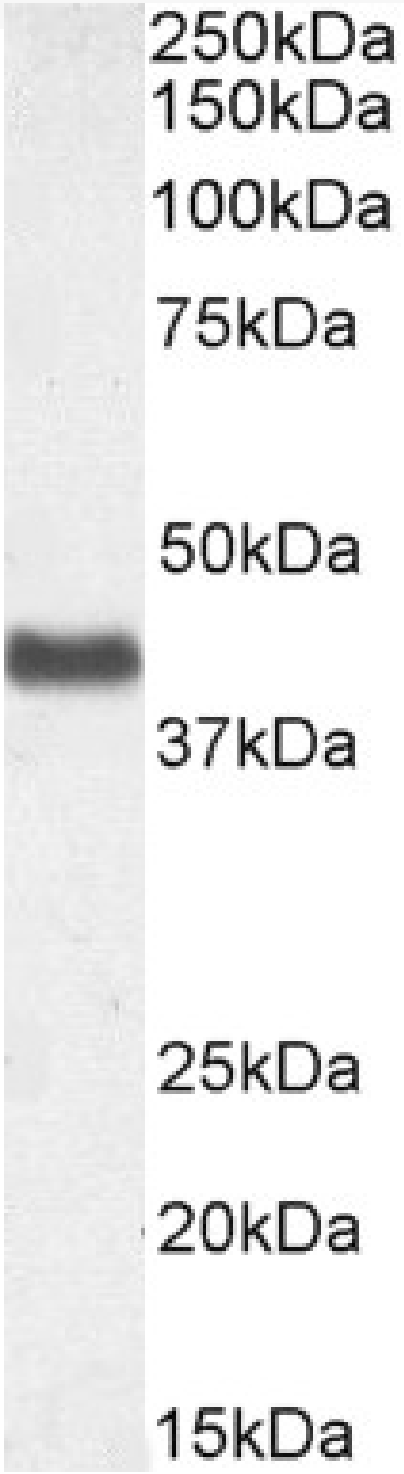

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