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GOAT ANTI-LIMP2 / SCARB2 ANTIBODY

SKU: EB09295





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	scavenger receptor class B member 2 LIMP II CD36 antigen-like 2 85 kDa lysosomal membrane sialoglycoprotein LIMP-2 LGP85 EPM4 lysosomal integral membrane protein II CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II) 85 kDa lysosomal sialoglycoprotein scavenger receptor class B, member 2 SR-BII LIMP II HLGP85 CD36L2 AMRF scavenger receptor class B, member 2 SCARB2
Usage Summary	<p>Immunofluorescence: Strong expression of the protein seen in the cytoplasm of U251 cells.</p> <p>Recommended concentration: 10µg/ml.</p> <p>Flow Cytometry: Flow cytometric analysis of U251 cells. Recommended concentration: 10ug/ml.</p>
Accession ID	NP_005497.1
Blocking Peptide	EBP09295
Immunogen	Peptide with sequence C-NKANIQFGDNGTTIS, from the internal region of the protein sequence according to NP_005497.1.
Product Comments	This antibody is expected to recognize reported isoform 1 (NP_005497.1) only.
Peptide Sequence	C-NKANIQFGDNGTTIS
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
Reactive Species	Human
Human Gene ID	950
Mouse Gene ID	12492
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	In paraffin embedded Human Cerebral Cortex shows lysosomal staining. Recommended concentration: 3-5µg/ml.
ELISA	
Detection Limit	Antibody detection limit dilution 1:4000.



**Western
Blot**

Approx. 80kDa band observed in Human Cerebral Cortex lysates and in preliminary testing of Human Thyroid lysate and U251 cell lysate (calculated MW of 54.3kDa according to NP_005497.1). This molecular weight is observed in the literature (Fujita et al, 1992, PMID: 1374238) and by other commercial sources. Recommended concentration: 0.03-0.1µg/ml. Primary incubation 1 hour at room temperature. This antibody has been successfully used in WB on Human: Murphy KE et al. (2014) PMID: 24477431.

**Application
Type**

Pep-ELISA, WB, IHC, IF, FC

SELECTED REFERENCES

[{"pmid": 24477431, "intro": "**This antibody has been successfully used in Western blot on Human:**", "title": "Reduced glucocerebrosidase is associated with increased α -synuclein in sporadic Parkinson's disease.", "author": "Murphy KE, Gysbers AM, Abbott SK, Tayebi N, Kim WS, Sidransky E, Cooper A, Garner B, Halliday GM.", "journal": "Brain. 2014 Mar;137(Pt 3):834-48."}]

DOCUMENTS

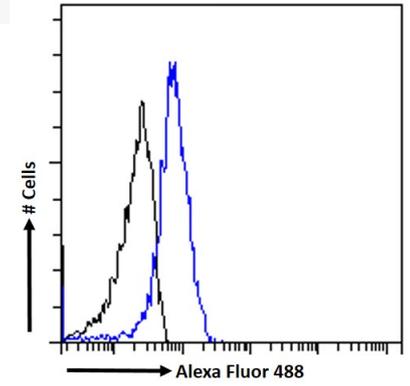
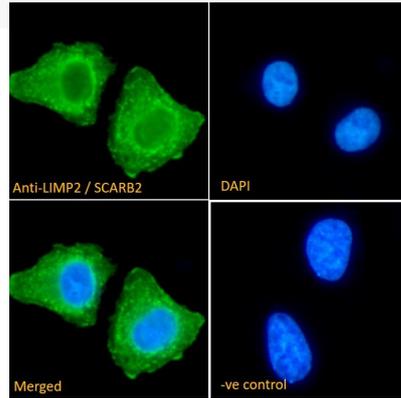
- [Data Sheet](#)

GALLERY IMAGES



A 9295, 0.03, HBCC

21
250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa





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