

Product datasheet for **TA389038**

VILIP1 (VSNL1) Mouse Monoclonal Antibody [Clone ID: 2D11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2D11
Applications:	ICC, IHC, WB
Recommended Dilution:	WB: 1:2000 WB Brain: 1:2000 ICC: 1:500-1:1000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human VSNL1 purified from E. coli.
Specificity:	Specific for endogenous levels of the ~22 kDa VSNL1 protein.
Formulation:	PBS + 10 mM Na ₃ N.
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.
Stability:	After date of receipt, stable for at least 1 year at -20°C.
Predicted Protein Size:	22
Gene Name:	visinin like 1
Database Link:	Entrez Gene 7447 Human P62760



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Background:	Visinin-like protein 1 (VSNL1), also known as VILIP1, is a calcium sensor protein expressed exclusively in neurons. Highest levels of VSNL1 expression are found in cerebellar Purkinje cells. VSNL1 has been implicated in the modulation of cell signaling cascades via regulation of adenylyl cyclase activity (Braunewell et al., 1997). Additionally, VSNL1 has been associated with amyloid plaques and neurofibrillar tangles in Alzheimer's disease (Schnurra et al., 2001).
Synonyms:	HLP3; HPCAL3; HUVISL1; OTTHUMP00000200482; OTTHUMP00000200483; VILIP; VILIP-1; VISL1; VLP-1
Note:	Protein G purified culture supernatant.