

34-1130: Monoclonal Antibody to Visinin-like protein 1 (Clone: 2D11)

Clonality :	Monoclonal
Clone Name :	2D11
Application :	WB, IF/ICC, IHC
Reactivity :	Human, Rat, Mouse
Gene :	VSNL1
Gene ID :	7447
Uniprot ID :	P62760
Format :	Purified
Alternative Name :	Hippocalcin-like protein 3
Isotype :	Mouse, IgG1
Immunogen Information :	Recombinant full length human protein

Product Info

Amount :	50 µl / 100 µl
Content :	Antibody is supplied as an aliquot of 1 mg/ml of affinity purified antibody.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

WB: 500-1,000. IF/ICC and IHC: 1:500-1,000

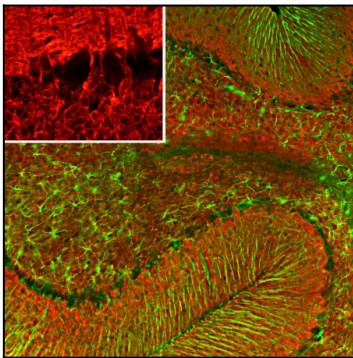


Figure-1: Immunofluorescent analysis of rat cerebellum section stained with mouse mAb to VLP1,(34-1128)1, dilution 1:500, in red and costained with rabbit pAb to GFAP,(34-1042), dilution 1:5,000 in green. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45µM, and free-floating sections were stained with the above antibodies. The VLP1 antibody reveals protein expressed in granule cell membranes and in synapses in the white matter and molecular layers of the cerebellum. The GFAP antibody stains the processes of Bergmann glia and astroglia.

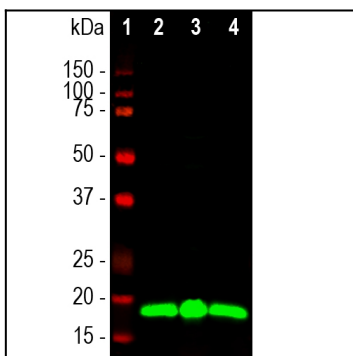


Figure-2: Western blot analysis of different tissue lysates using mouse mAb to Visinin-like Protein 1 (VLP1),(34-1128)1, dilution 1:1,000 in green: [1] protein standard (red), [2] rat brain [3] rat cerebellum, and [4] mouse brain. The band at ~20kDa mark corresponds to the VLP1 protein.