

## 34-1131: Monoclonal Antibody to Visinin-like protein 1 (Clone: 3A9)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	3A9
<b>Application :</b>	WB, IF/ICC, IHC
<b>Reactivity :</b>	Human, Rat, Mouse, Cow, Pig
<b>Gene :</b>	VSNL1
<b>Gene ID :</b>	7447
<b>Uniprot ID :</b>	P62760
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Hippocalcin-like protein 3
<b>Isotype :</b>	Mouse, IgG1
<b>Immunogen Information :</b>	Recombinant full length human protein

### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Antibody is supplied as an aliquot of 1 mg/ml of affinity purified antibody.
<b>Storage condition :</b>	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: 1,000-2,000. IF/IHC: 1:500-1,000.

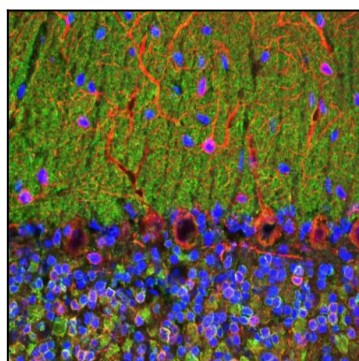


Figure-1: Confocal image of adult rat cerebellum stained with mouse mAb to visinin-like protein 1 (VLP1),(34-1131), dilution 1:1,000, in green, and costained with chicken pAb to MAP2,(34-1064), dilution 1:10,000, in red. The blue is DAPI staining of nuclear DNA. The (34-1131) antibody reveals perikarya and synaptic regions in the neuron rich granular layer (bottom) and synapse rich molecular layer (top). Note that the large prominent Purkinje neurons at the junction of these two layers do not stain with the (34-1131) antibody, in line with the findings of others (4).

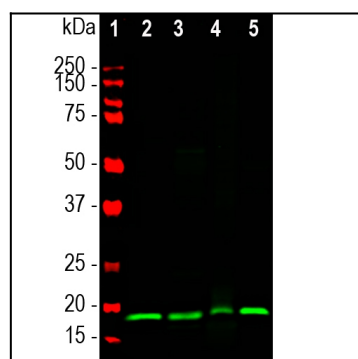


Figure-2: Western blot analysis of different tissue lysates using mouse mAb to visinin-like protein 1 (VLP1),(34-1131), dilution 1:1,000, in green: [1] protein standard (red), [2] rat brain, [3] mouse brain, [4] pig hippocampus, and [5] cow cerebellum. The band at about 20kDa corresponds to the VLP1 protein.