

## Product datasheet for **CF808674**

### VAPB Mouse Monoclonal Antibody [Clone ID: OTI4D8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4D8
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 2-223 of human VAPB(NP_004729) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	27 kDa
Gene Name:	VAMP associated protein B and C
Database Link:	<a href="#">NP_004729</a> <a href="#">Entrez Gene 56491 Mouse</a> <a href="#">Entrez Gene 60431 Rat</a> <a href="#">Entrez Gene 9217 Human</a> <a href="#">O95292</a>



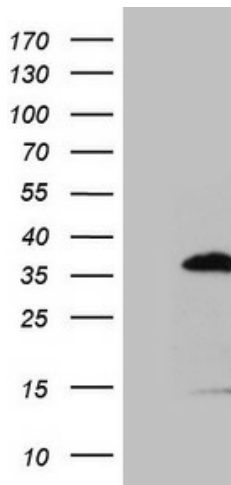
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**Background:** The protein encoded by this gene is a type IV membrane protein found in plasma and intracellular vesicle membranes. The encoded protein is found as a homodimer and as a heterodimer with VAPA. This protein also can interact with VAMP1 and VAMP2 and may be involved in vesicle trafficking. [provided by RefSeq, Jul 2008]

**Synonyms:** ALS8; VAMP-B; VAP-B

**Protein Families:** Transmembrane

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY VAPB ([RC200517], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-VAPB (1:2000). Positive lysates [LY401498] (100ug) and [LC401498] (20ug) can be purchased separately from OriGene.