

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

Catalog Number: M01372

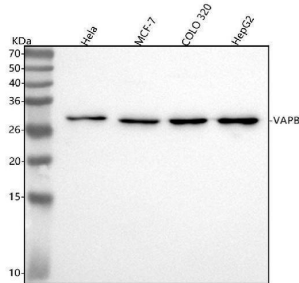
### Overview

Product Name	Anti-VAPB Mouse Monoclonal Antibody [Clone ID: OTI4D8]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio VAPB mouse monoclonal antibody, clone OTI4D8 (formerly 4D8). Catalog# M01372. Tested in WB. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Monoclonal OTI4D8
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	O95292

### Technical Details

Immunogen	Human recombinant protein fragment corresponding to amino acids 2-223 of human VAPB (NP_004729) produced in E.coli.
Isotype	IgG1
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:2000

## Anti-VAPB Mouse Monoclonal Antibody [Clone ID: OTI4D8] (M01372) Images



Western blot analysis of VAPB using anti-VAPB antibody (M01372). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hepa whole cell lysates, Lane 2: human MCF-7 whole cell lysates, Lane 3: human COLO320 whole cell lysates, Lane 4: human HepG2 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with mouse anti-VAPB antigen affinity purified monoclonal antibody (Catalog # M01372) at at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-mouse IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001) with Tanon 5200 system. A specific band was detected for VAPB at approximately 27 kDa. The expected band size for VAPB is at 27 kDa.

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