

ZO2, Tight Junction Protein 2, (TJP2) Monoclonal Antibody

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Product Data Sheet

ZO-2, Tight Junction Protein 2 (TJP2) Antibody

Rabbit monoclonal antibody (IgG)

Catalog#: Vli13

Rev. December 2012

Quantity:	0.2 ml bioreactor supernatant	Lot #	Please refer to vial
Clone ID:	Vli13	Mol Weight:	
Species Cross-Reactivity:	Human, mouse, others not tested	Swiss Prot:	
Applications:	IHC-P	Price:	US \$250.00

Background:

ZO-2/TJP2 is component of tight junction and adherens junction complexes

Specificity:

The antibody was raised against a synthetic peptide containing the sequence YGSDPEE, which corresponds to a C terminal epitope present in both isoforms of ZO-2.

Reconstitution & Storage:

Dehydrated antibodies are shipped at ambient temperature. To make antibody stock solution, rehydrate as indicated on the vial label. Store reconstituted antibody at -20°C.

Purity:

Dehydrated bioreactor hybridoma supernatant.

Recommended Dilution*:

Immunohistochemistry paraffin/formalin (1:250-5,000)

Other applications not tested.

*Final dilution needs to be optimized by user.

Application Notes:

Vli13 is ideally suited for immunohistochemistry on formalin-fixed, paraffin embedded specimens following heat antigen retrieval with citrate buffer (10mM, pH6.0, 0.05% Tween-20). It is not recommended for immunoblotting due to apparent cross-reactivity with cadherin5.

References:

n/a

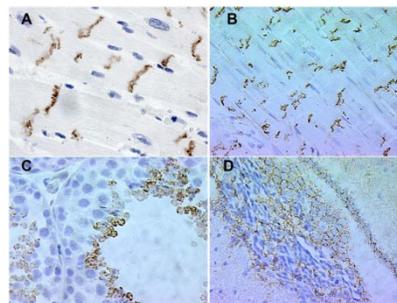


Fig. 1. Immunohistochemistry on a formalin fixed, paraffin embedded specimens was performed with Vli13 (1:1000). **(A)**. Human myocardium with Z-discs, **(B)** mouse myocardium, **(C)** mouse testis Sertoli cells, **(D)** mouse choroid plexus.