

## Anti-VASP Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

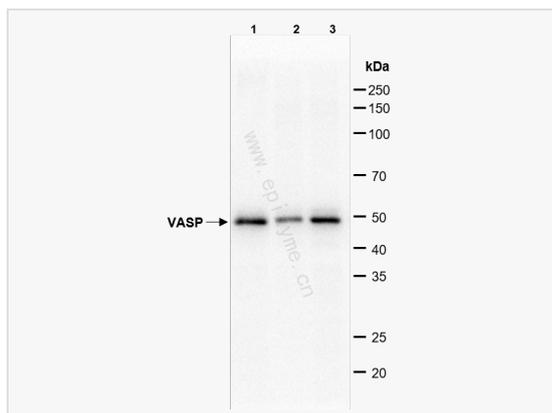
Catalog # R013845

### Product Information

Application	ELISA, IHC-P/IF (Tissue-P), WB
Reactivity	Human
Dilution	WB 1:1,000~1:3,000; IHC-P 1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	29K31M05
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human VASP
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-VASP Rabbit mAb [29K31M05] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	Vasodilator-stimulated phosphoprotein.
Calculated MW	Calculated MW: 40 kDa; Observed MW: 46 kDa
Uniprot ID	P50552
Gene ID	7408
Background	VASP (vasodilator-stimulated phosphoprotein), is involved in the maintenance of cytoarchitecture by interacting with actin-like filaments. VASP shares a limited degree of homology with the amino terminus of WASP, which is frequently mutated in WAS patients. An established substrate of cAMP and cGMP dependent kinases, VASP is phosphorylated on a regulatory serine residue 157 and localizes to focal adhesions, microfilaments and highly active regions of the plasma membrane.



Western Blot - Anti-VASP Rabbit mAb [29K31M05]

All lanes: R013845 at 1:3,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2 :U2OS (Human osteosarcoma epithelial cell) whole cell lysates

Lane 3: SW620 (Human colorectal carcinoma epithelial cell) whole cell lysates

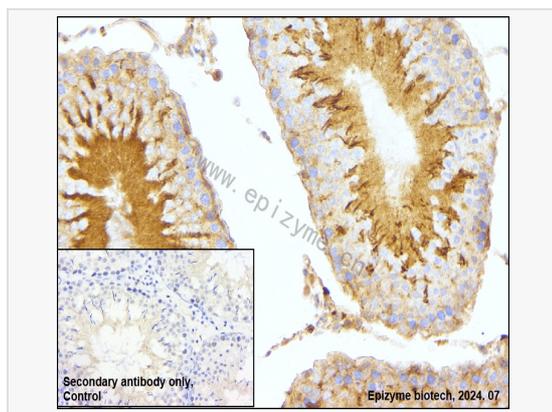
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 40 kDa

Observed band size: 46 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-VASP Rabbit mAb [29K31M05]

Sample: Paraformaldehyde-fixed, paraffin embedded rat testis tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013845 at 1:200 dilution

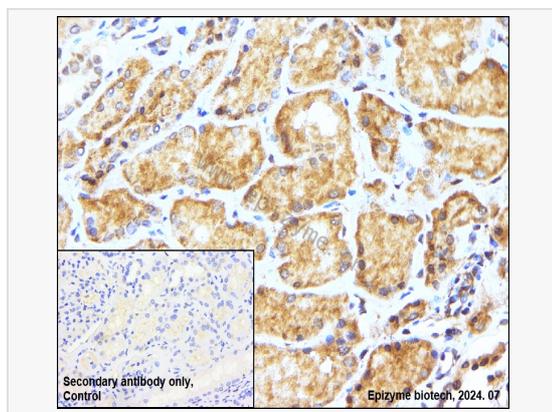
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-VASP Rabbit mAb [29K31M05]

Sample: Paraformaldehyde-fixed, paraffin embedded human renal carcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013845 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.