



# Magic™ Anti-VASP monoclonal antibody, clone 27D3 (DMABT-H27362)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse Anti-VASP Monoclonal Antibody
<b>Specificity</b>	VASP recognizes VASP only, when Ser 239 is phosphorylated, a site preferred by cGMP-dependent protein kinase (PKG) but also used by cAMP-dependent protein kinase (PKA).
<b>Target</b>	VASP
<b>Immunogen</b>	phosphopeptide conjugated to KLH
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	27D3
<b>Purification</b>	The antibody was purified from serum-free cell culture supernatant by subsequent thiophilic adsorption and size exclusion chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB, IP, ICC, FC
<b>Epitope</b>	phosphoserine 239 R K V pS K Q E
<b>Molecular Weight</b>	46/50 kDa
<b>Reconstitution</b>	Reconstitute with 1 ml H <sub>2</sub> O (15 min, RT)
<b>Format</b>	Lyophilized from 1 ml 2 x PBS/0.09 % Na-azide/PEG and Sucrose.

<b>Size</b>	100 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	-20 °C, Avoid freeze / thaw cycles

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">VASP vasodilator-stimulated phosphoprotein [ Homo sapiens ]</a>
<b>Official Symbol</b>	VASP
<b>Synonyms</b>	VASP; vasodilator-stimulated phosphoprotein;
<b>Entrez Gene ID</b>	<a href="#">7408</a>
<b>Protein Refseq</b>	<a href="#">NP_003361</a>
<b>UniProt ID</b>	<a href="#">A0A024R0V4</a>
<b>Chromosome Location</b>	19q13.32
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Axon guidance, organism-specific biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-extracellular matrix interactions, organism-specific biosystem; Developmental Biology, organism-specific biosystem; E-cadherin signaling in keratinocytes, organism-specific biosystem;
<b>Function</b>	SH3 domain binding; actin binding; profilin binding; protein binding;