

## Datasheet: VMA00028

<b>Description:</b>	MOUSE ANTI PAG
<b>Specificity:</b>	PAG
<b>Other names:</b>	CSK Binding Protein
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	100 µl

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Mouse monoclonal antibody purified by affinity chromatography on Protein A from ascites.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ).
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 97 - 432 of human Cbp/PAG
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">Q9NWQ8</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p>

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<b>Synonyms</b>	CBP, PAG
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<b>Specificity</b>	<p><b>Mouse anti Human PAG antibody</b> recognizes human phosphoprotein associated with glycosphingolipid-enriched microdomains (PAG), also known as Csk-binding protein (Cbp) or transmembrane phosphoprotein Cbp. PAG is a <a href="#">single pass type III transmembrane protein</a>. Mouse anti Human PAG antibody recognizes an epitope located in the cytoplasmic domain which localizes to membrane lipid rafts and is involved in regulation of T-Cell activation.</p> <p>The engagement of immunoreceptors with natural ligands or antibodies is the initiating factor in a long line of events down a cytosolic signaling cascade. The transmission of signals along the various pathways within this cascade requires the phosphorylation of various substrates, by members of the src and syk families of protein tyrosine kinases (PTKs).</p> <p>Evidence has shown that by binding to the SH2 domain of the protein tyrosine kinase Csk, a major negative regulator of src-family kinases, PAG acts not only acts as a 'co-factor' for relocating Csk to substrate rich microdomains, but also increases the affinity of Csk for src-family kinases, through the formation of PAG-Csk complexes.</p> <p>Mouse anti Human PAG antibody recognizes human PAG as a single band of ~80 kDa in human cell line lysates by Western blotting under reducing conditions.</p>
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<b>Western Blotting</b>	Anti PAG antibody detects a band of approximately 80 kDa in Raji cell lysates.
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<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
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<b>Guarantee</b>	12 months from date of despatch.
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<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: Antibody (10040): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
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<b>Regulatory</b>	For research purposes only.
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## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

### Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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