

## Datasheet: VMA00373

<b>Description:</b>	MOUSE ANTI CD167
<b>Specificity:</b>	CD167
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Isotype:</b>	IgG2b
<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 G from tissue culture supernatant.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ).
<b>Immunogen</b>	Recombinant CD167
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">Q08345</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p>

<b>Synonyms</b>	CAK, EDDR1, NEP, NTRK4, PTK3A, RTK6, TRKE
<b>Specificity</b>	<p><b>Mouse anti Human CD167 antibody</b> recognizes CD167, also known as CD167 antigen-like family member A, PTK3A protein tyrosine kinase 3A, cell adhesion kinase, epithelial discoidin domain-containing receptor 1 or DDR1, mammary carcinoma kinase 10, protein-tyrosine kinase RTK-6, tyrosine kinase DDR and tyrosine-protein kinase CAK.</p> <p>Receptor tyrosine kinases play a key role in the communication of cells with their microenvironment. These kinases mostly regulate cell growth, differentiation and metabolism. CD167 belongs to a subfamily of tyrosine kinase receptors activated by various types of collagen with homology to Dictyostelium discoideum protein discoidin I in their extracellular domain. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms have been described for CD167 (provided by RefSeq, Feb 2011).</p> <p>Mouse anti Human CD167 antibody detects a band of 125 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti CD167 detects a band of approximately 125 kDa in MCF7 cell lysates.
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch.
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VMA00373">https://www.bio-rad-antibodies.com/SDS/VMA00373</a> Antibody (10040)
<b>Regulatory</b>	For research purposes only.

## Related Products

### Recommended Secondary Antibodies

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

### Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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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://www.bio-rad-antibodies.com/datasheets)

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