

Datasheet: VMA00132

Description:	MOUSE ANTI p130Cas
Specificity:	p130Cas
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI3A11
Isotype:	IgG1
Quantity:	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.

	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.

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Mouse, Rat</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from ascites.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	<p>0.09% Sodium Azide (NaN₃)</p> <p>1% Bovine Serum Albumin</p> <p>50% Glycerol</p>

Immunogen	Full length recombinant protein of human p130Cas (NP_055382) produced in HEK293T cells
External Database Links	UniProt: P56945 Related reagents Entrez Gene: 9564 BCAR1 Related reagents
Synonyms	CAS, CASS1, CRKAS
Specificity	<p>Mouse anti Human p130Cas antibody, clone OTI3A11 recognizes p130Cas, also known as Cas scaffolding protein family member 1, Crk-associated substrate p130Cas and breast cancer anti-estrogen resistance protein 1.</p> <p>p130Cas, encode by the BCAR1 gene, is an Src family kinase substrate involved in various cellular events, including migration, survival, transformation, and invasion (Sawada <i>et al.</i> 2006).</p> <p>Mouse anti Human p130Cas antibody detects a band of 130 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti p130Cas detects a band of approximately 130 kDa in MCF7 cell lysates.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10048 available at: https://www.bio-rad-antibodies.com/SDS/VMA00132 Antibody (10048)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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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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