

Datasheet: VMA00984

Description:	MOUSE ANTI HUMAN EXPORTIN-2
Specificity:	EXPORTIN-2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB01/2E3
Isotype:	IgG2b
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
Immunoprecipitation	▪			2.5 µg
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
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>E. coli</i> -derived recombinant protein, aa 793-971 of human exportin-2

External Database Links	UniProt: P55060 Related reagents Entrez Gene: 1434 CSE1L Related reagents
Synonyms	CAS, XPO2
Specificity	<p>Mouse anti Human exportin-2 antibody recognizes chromosome segregation 1-like protein, also known as cellular apoptosis susceptibility protein (CAS) or importin-alpha re-exporter.</p> <p>Exportin-2 is a microvesicular protein that plays a vital role in a number of processes, including apoptosis, cell survival, chromosome assembly, nucleocytoplasmic transport and microvesicle formation. Exportin-2 is highly expressed in most types of cancer and may play a role in the metastasis of tumor cells during tumorigenesis. Phosphorylation of exportin-2 is regulated by the extracellular signal-regulated kinase (ERK). The RAS/RAF /MAPK/ERK signaling pathways are essential targets of most targeted cancer drugs. It has therefore been suggested that exportin-2 could be a useful marker for cancer diagnosis and targeted cancer therapy (Liao et al. 2012)(Jiang, 2016).</p>
Western Blotting	Mouse anti Human exportin-2 antibody detects a band of 94 kDa in Ramos cell lysates
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00984 10040
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

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

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

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

'M429274:240408'

Printed on 08 Apr 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)