

Datasheet: VMA00984

BATCH NUMBER 100006563

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 *E. coli*-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

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.

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](#)).

Western Blotting

Mouse anti Human exportin-2 antibody detects a band of 94 kDa in Ramos cell lysates

Storage

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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>
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Regulatory

For research purposes only

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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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