

Datasheet: VMA00002

Description:	MOUSE ANTI CYTOKERATIN 19
Specificity:	CYTOKERATIN 19
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Isotype:	IgG2a
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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Human breast cancer cell line MCF7
External Database Links	<p>UniProt: P08727 Related reagents</p> <p>Entrez Gene: 3880 KRT19 Related reagents</p>

Specificity

Mouse anti Human cytokeratin 19 antibody recognizes the rod domain (aa 312-335) of human cytokeratin 19 also known as keratin 19 and encoded by the KRT19 gene. Cytokeratin 19 is a 400 amino acid intermediate filament protein lacking a C-terminal tail domain, in contrast to all other intermediate filament proteins.

Cytokeratin expression is observed in striated muscle where it is involved in forming the association between the contractile apparatus and dystrophin ([Stone et al. 2005](#)). Expression is also seen in many ductal and glandular cells together with a restricted set of normal and neoplastic epithelial cells.

Mouse anti Human cytokeratin 19 antibody detects a band of ~44kDa in Western blotting using multiple human cell-line lysates.

Western Blotting	Anti Cytokeratin 19 antibody detects a band of approximately 44 kDa in MCF7 cell lysates.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

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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