

Datasheet: VMA00009

Description:	HUMAN ANTI CYTOKERATIN 19/20
Specificity:	CYTOKERATIN 19/20
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Isotype:	HuCAL Fab bivalent
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
ELISA	▪			
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	A bivalent human recombinant Fab selected from the HuCAL GOLD phage display library, expressed in <i>E. coli</i> . This Fab fragment is dimerized via a helix-turn-helix motif. The antibody is tagged with a myc-tag (EQKLISEEDL) and a his-tag (HHHHHH) at the C-terminus of the antibody heavy chain. This product is supplied as a liquid.
Preparation	Recombinant human monoclonal antibody purified by metal chelate affinity chromatography
Source	E.coli
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Recombinant human cytokeratin 20

External Database**Links****UniProt:**[P35900](#) [Related reagents](#)[P08727](#) [Related reagents](#)**Entrez Gene:**[54474](#) KRT20 [Related reagents](#)[3880](#) KRT19 [Related reagents](#)

Specificity

Human anti Human cytokeratin 19/20 antibody recognizes human cytokeratin 20, and has been demonstrated to cross-react with cytokeratin 19. In immunohistology reactivity is seen both with tissues expressing only CK19 and with those expressing only CK20.

Human anti Human cytokeratin 19/20 antibody recognizes cytokeratins 19 and 20 as bands of ~40 kDa and ~45 kDa respectively by western blotting under reducing conditions.

Western Blotting

Anti cytokeratin 19/20 antibody detects bands of approximately 40 kDa and 45 kDa in HeLa 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 protein. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Acknowledgements

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His-tag is a registered trademark of EMD Biosciences.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:

<https://www.bio-rad-antibodies.com/SDS/VMA00009>

Antibody (10040)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Mouse Anti Synthetic Peptide HISTIDINE TAG (MCA5995...) [HRP](#)

Goat Anti Human IgG F(ab')₂ (STAR126...) [HRP](#)

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

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