

Datasheet: 0200-0606

Description:	MOUSE ANTI HUMAN CYTOKERATIN 1/2/3/4/5/6/7/8
Specificity:	CYTOKERATIN 1/2/3/4/5/6/7/8
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	Ks1-8
Isotype:	IgG2a
Quantity:	50 µg

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
Immunohistology - Frozen	▪			
Western Blotting	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - lyophilised
Reconstitution	Reconstitute with sterile distilled water. For long term storage, addition of a preservative is recommended.
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Cytoskeletal proteins from cultured human MCF-7 cells.

External Database Links

UniProt:

P35908	Related reagents
P12035	Related reagents
P19013	Related reagents
P13647	Related reagents
P08729	Related reagents

[P05787](#) [Related reagents](#)

[P04264](#) [Related reagents](#)

[Q01546](#) [Related reagents](#)

Entrez Gene:

[3849](#) KRT2 [Related reagents](#)

[3850](#) KRT3 [Related reagents](#)

[3851](#) KRT4 [Related reagents](#)

[3852](#) KRT5 [Related reagents](#)

[3855](#) KRT7 [Related reagents](#)

[3856](#) KRT8 [Related reagents](#)

[3848](#) KRT1 [Related reagents](#)

[51350](#) KRT76 [Related reagents](#)

Synonyms CYK4, CYK8, KRT2A, KRT2B, KRT2E, KRT2P, KRTA, SCL

Specificity **Mouse anti Human cytokeratin 1/2/3/4/5/6/7/8 antibody, clone Ks1-8**; recognizes the human [type II cytokeratins](#), also known as the neutral to basic cytokeratins and distinguished from the type I or acidic cytokeratins. The cytokeratins together form the intermediate filament network with the basic cytokeratins associating with a specific acidic cytokeratin counterpart and maintaining the structural integrity of epithelia. Clone Ks1-8 as an excellent marker for discerning carcinomas from non-epithelial tumors ([Costa *et al.* 1991](#)).

References 1. Lasecka, L. *et al.* (2015) Antibodies to the core proteins of nairobi sheep disease virus/ganjam virus reveal details of the distribution of the proteins in infected cells and tissues. [PLoS One. 10 \(4\): e0124966](#).

Storage Prior to reconstitution store at +4°C.
After reconstitution store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended. This product should be stored undiluted.
Avoid repeated freezing and thawing as this may denature the antibody.
Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life 12 months from date of reconstitution.

Health And Safety Information Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10040 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)

[RPE](#)

Goat Anti Mouse IgG IgA IgM (STAR87...)

[Alk. Phos.](#), [HRP](#)

Goat Anti Mouse IgG (H/L) (STAR117...)

[Alk. Phos.](#), [DyLight@488](#), [DyLight@549](#),
[DyLight@649](#), [DyLight@680](#), [DyLight@800](#),
[FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...)

[FITC](#)

Goat Anti Mouse IgG (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR8...) [DyLight®800](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Human Anti Mouse IgG2a (HCA037...) [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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
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