Datasheet: MCA1872

Description:	MOUSE ANTI HUMAN CYTOKERATIN 17
Specificity:	CYTOKERATIN 17
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	E3
Isotype:	IgG2b
Quantity:	1 ml

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
Flow Cytometry			▪	
Immunohistology - Frozen	▪			1/20 - 1/40
Immunohistology - Paraffin (1)	▪			1/20 - 1/40
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/50 - 1/100

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

(1)**This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.Sodium citrate buffer pH 6.0 is recommended for this purpose.**

Target Species

Human

Product Form

Tissue Culture Supernatant - lyophilised

Reconstitution

Reconstitute with 1.0ml distilled water

Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.

Preservative Stabilisers

0.09% Sodium Azide

Immunogen

Rat keratin.

External Database Links

UniProt:

Q04695 Related reagents

Entrez Gene:

3872 KRT17 Related reagents

Fusion Partners	Spleen cells from immunized mice were fused with cells of the mouse X63-Ag8.653 myeloma cell line.
Specificity	**Mouse anti Human Cytokeratin 17 antibody, clone E3** recognizes the 46kDa cytokeratin 17, expressed primarily by basal cells of complex epithelia, and with myoepithelial cells in salivary glands and sweat glands. In neoplastic tissues cytokeratin 17 is expressed by squamous cell carcinoma of the lung, cervix and buccal cavity.
Histology Positive Control Tissue	Basal cell carcinoma
References	1. Troyanovsky, S.M. *et al.* (1989) Patterns of expression of keratin 17 in human epithelia: dependency on cell position. J Cell Sci. 93 (Pt 3): 419-26. 2. Stahlschmidt, J. *et al.* (2005) Urothelial differentiation in chronically urine-deprived bladders of patients with end-stage renal disease. Kidney Int. 68: 1032-40.
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. 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 #10055 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR12...)	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

Human Anti Mouse IgG2b (HCA038...)	FITC, HRP
Goat Anti Mouse IgG (STAR70...)	FITC

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