

Datasheet: MCA2103

Description:	MOUSE ANTI HUMAN CD30
Specificity:	CD30
Other names:	Ki-1
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	15B3
Isotype:	IgG1
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			■	
Immunofluorescence	■			

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 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 ml 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 vortexed after reconstitution and microcentrifuged before use.
Preservative Stabilisers	15mM Sodium Azide
Immunogen	Recombinant human CD30 antigen.
External Database Links	UniProt:

Entrez Gene:

[943](#) TNFRSF8 [Related reagents](#)

Synonyms	CD30, D1S166E
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Specificity	<p>Mouse anti Human CD30 antibody, clone 15B3 recognizes the human CD30 cell surface antigen, a 120kDa glycoprotein.</p> <p>CD30 is expressed by some activated T lymphocytes, and also by Reed Sternberg cells of Hodgkin's disease and in cases of anaplastic large cell lymphoma.</p>
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Histology Positive Control Tissue	Hodgkins lymphoma tissue
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References	1. Lacroix, A. <i>et al.</i> (2010) Involvement of human herpesvirus-6 variant B in classic Hodgkin's lymphoma via DR7 oncoprotein. Clin Cancer Res. 16: 4711-21.
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Further Reading	1. Wasik, M.A. <i>et al.</i> (2013) Targeting CD30 in malignant tissues: challenges in detection and clinical applications. Pathobiology. 80 (5): 252-8. 2. Sotomayor EM <i>et al.</i> (2014) Clinical roundtable monograph: CD30 in lymphoma: its role in biology, diagnostic testing, and targeted therapy. Clin Adv Hematol Oncol. 12 (4 Suppl 10): 1-22.
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Storage	<p>Prior to reconstitution store at +4°C. Following reconstitution store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted</p> <p>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.</p>
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Shelf Life	12 months from date of reconstitution.
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Health And Safety Information	<p>Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10055 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf</p>
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Human Anti Mouse IgG1 (HCA036...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR13...)	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](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

North & South Tel: +1 800 265 7376

America 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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