

Datasheet: MCA6134

BATCH NUMBER 159537

Description:	MOUSE ANTI HUMAN CD30
Specificity:	CD30
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	Ber-H8
Isotype:	IgG1
Quantity:	0.1 mg

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	▪			
Immunohistology - Paraffin	▪			

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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

**External Database
Links**

UniProt:

[P28908](#) [Related reagents](#)

Entrez Gene:

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

Synonyms

CD30, D1S166E

Specificity

Mouse anti Human CD30, clone Ber-H8 recognizes CD30 also known as Ki-1 or TNFRSF8, a 120 kDa type I transmembrane glycoprotein receptor that belongs to the Tumor necrosis factor super family. CD30 is expressed by subpopulations of mitogen-stimulated T and B cell lymphocytes and lymphoid neoplasms ([Weyden et al. 2017](#)).

CD30L, also known as TNSF8 or CD153 is the ligand of CD30. Once activated by its ligand, the receptor transduces the signal via the recruitment of TNFR-associated factor (TRAF) and TRAF associating proteins to form a signaling complex. This complex can subsequently activate NFκB and MAPK signaling pathways propagating anti-apoptotic/pro-survival responses ([Muta and Podack 2013](#)). CD30 has been shown to be highly expressed in Hodgkin's lymphoma and anaplastic large cell lymphoma. Some research has also indicated that CD30 is associated with a range of non-hematopoietic pathologies, including germ cell tumors and testicular embryonal carcinomas ([Weyden et al. 2017](#)).

This clone Ber-H8 has been used in flow cytometry experiments to measure CD30 surface expression levels on CD4+ cells upon treatment of cord blood with human heat shock protein 60 ([Aalbese et al. 2011](#)).

Purity

>95% by SDS PAGE

Storage

Store at +4°C. DO NOT FREEZE.
This product should be stored undiluted.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6134>
10040

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)

Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)

Goat Anti Mouse IgG (STAR76...) [RPE](#)

Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Recommended Negative Controls

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M353634:190509'

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