

Datasheet: MCA4638T

BATCH NUMBER 260814

Description:	MOUSE ANTI HUMAN CD262
Specificity:	CD262
Other names:	DR5, TRAIL-R2
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	DJR2-4
Isotype:	IgG1
Quantity:	25 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
Flow Cytometry	▪			1/10 - 1/20
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)

Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Extracellular domain of DR5-human IgG1 Fc fusion protein.
External Database Links	<p>UniProt: O14763 Related reagents</p> <p>Entrez Gene: 8795 TNFRSF10B Related reagents</p>
Synonyms	DR5, KILLER, TRAILR2, TRICK2, ZTNFR9
RRID	AB_2204936
Specificity	<p>Mouse anti Human CD262 antibody, clone DJR2-4 recognises human CD262, also known as Death receptor 5 (DR5) and TNF-related apoptosis-inducing ligand receptor 2 (TRAIL-R2). It is a ~55 kDa member of the TNF receptor superfamily binding tumor necrosis factor-related apoptosis inducing ligand (TNFSF10, TRAIL or APO-2L). Once activated, this receptor induces a cascade of caspases resulting in apoptosis. FADD, a death domain containing adaptor protein is required for apoptosis mediated by DR5. DR5 is widely expressed in adult and fetal tissues. Staining may be enhanced with the use of a sensitive, three-layer staining technique.</p>
Flow Cytometry	Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.
Storage	<p>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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA4638T 10040</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR76...)	RPE

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
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](#)

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
'M367760:200529'

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