

Datasheet: MCA2144EL

Description:	MOUSE ANTI HUMAN CD253:Low Endotoxin
Specificity:	CD253
Other names:	TRAIL
Format:	Low Endotoxin
Product Type:	Monoclonal Antibody
Clone:	2E5
Isotype:	IgG1
Quantity:	0.5 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			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	
Functional Assays	▪			

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	None present

Endotoxin Level	< 0.01 EU/ug
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant human CD253 (TRAIL) aa 95-281.
External Database Links	<p>UniProt: P50591 Related reagents</p> <p>Entrez Gene: 8743 TNFSF10 Related reagents</p>
Synonyms	APO2L, TRAIL
RRID	AB_2205819
Specificity	<p>Mouse anti Human CD253 antibody, clone 2E5 recognizes the 281 amino acid protein termed TNF related apoptosis-inducing ligand (TRAIL), also known as Apo2L.</p> <p>TRAIL is a cytotoxic protein closely related to Fas (CD95), which induces extensive apoptosis in a range of cell types. TRAIL induces apoptosis via the receptors DR4 and DR5. Most normal tissues are resistant to TRAIL induced apoptosis due to their expression of decoy receptors, DcR1 and DcR2, which antagonise TRAIL activity.</p> <p>TRAIL is expressed by cell lines, activated lymphocytes and on syncytiotrophoblast cells in first trimester pregnancy.</p> <p>This antibody neutralizes TRAIL activity.</p>
Storage	<p>Store at -20°C only.</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>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10162 available at: https://www.bio-rad-antibodies.com/SDS/MCA2144EL 10162</p>
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](#)
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](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:Low Endotoxin \(MCA928EL\)](#)

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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

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