

Datasheet: MCA2144EL

BATCH NUMBER 1803

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|----------------------|--------------------------------------|
| 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 antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

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|---------------------------------|---|
| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein A |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | None present |

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| 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 | Material Safety Datasheet documentation #10162 available at: https://www.bio-rad-antibodies.com/SDS/MCA2144EL 10162 |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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|---|---|
| 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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|----------------------------------|---|------------------|---|---------------|---|
| North & South America | Tel: +1 800 265 7376 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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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M366255:200529'

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