

Datasheet: MCA4300Z

BATCH NUMBER 171025

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| Description: | MOUSE ANTI HUMAN TOMM20:Preservative Free |
| Specificity: | TOMM20 |
| Format: | Preservative Free |
| Product Type: | Monoclonal Antibody |
| Clone: | 4F3 |
| 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 |
|--------------------------------|-----|----|----------------|--------------------|
| Immunohistology - Paraffin (1) | ▪ | | | 0.1 - 10 ug/ml |
| Western Blotting | ▪ | | | |
| Immunofluorescence | ▪ | | | 0.1 - 10 ug/ml |

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.

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| Target Species | Human |
| Species Cross Reactivity | <p>Reacts with: Mouse, Rat</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p> |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein A |

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|---------------------------------------|---|
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | None present |
| Approx. Protein Concentrations | Ig concentration 0.5 mg/ml |
| Immunogen | Recombinant protein corresponding to aa 1-146 of human TOMM20 |
| External Database Links | <p>UniProt:</p> <p>Q15388 Related reagents</p> <p>Entrez Gene:</p> <p>9804 TOMM20 Related reagents</p> |
| Synonyms | KIAA0016 |
| RRID | AB_2207539 |
| Fusion Partners | Spleen cells from BALB/c mice were fused with cells from the Sp2/0 myeloma cell line. |
| Specificity | Mouse anti Human TOMM20 antibody, clone 4F3 recognizes human Mitochondrial import receptor subunit TOM20 homolog, also known as TOMM20 or Outer mitochondrial membrane receptor Tom20. TOMM20 is a 145 amino acid ~16 kDa single pass transmembrane mitochondrial protein. |
| Storage | <p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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 | Material Safety Datasheet documentation #10162 available at: https://www.bio-rad-antibodies.com/SDS/MCA4300Z |
| 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 (STAR70...) | FITC |
| Rabbit Anti Mouse IgG (STAR13...) | HRP |

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| Rabbit Anti Mouse IgG (STAR9...) | FITC |
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Goat Anti Mouse IgG (STAR76...) | RPE |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |
| Goat Anti Mouse IgG (H/L) (STAR117...) | Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP |

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M367686:200529'

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