

Datasheet: 9100-1057

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| Description: | MOUSE ANTI HUMAN TRANSFERRIN |
| Specificity: | TRANSFERRIN |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | 2A2 |
| Isotype: | IgG1 |
| Quantity: | 0.2 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.

| | Yes | No | Not Determined | Suggested Dilution |
|-------------------------------|-----|----|----------------|--------------------|
| Flow Cytometry | | | ■ | |
| Immunohistology - Frozen | | | ■ | |
| Immunohistology - Paraffin(1) | ■ | | | 10ug/ml |
| Immunohistology - Resin | | | ■ | |
| ELISA | ■ | | | 1/500 - 1/5000 |
| 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 the 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 | Does not react with:Mouse, Rabbit, Bovine |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein A |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| Immunogen | Human transferrin |
| External Database Links | <p>UniProt: P02787 TRFE_HUMAN Related reagents</p> <p>Entrez Gene: 7018 TF Related reagents</p> |

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| Specificity | 9100-1057 is specific for the N-terminal domain of human transferrin. In functional assays 9100-1057 inhibits the proliferation of Con-A stimulated blood lymphocytes. Removal of Sodium Azide is recommended prior to use in functional assays. AbD Serotec recommend the use of EQU003 for this purpose. |
| Histology Positive Control Tissue | Placental villi |
| Storage | 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. |
| Shelf Life | 18 months from date of despatch. |
| Health And Safety Information | Material Safety Datasheet Documentation #10040 available at: http://www.abdserotec.com/uploads/MSDS/10040.pdf |

Related Products

Recommended Secondary Antibodies

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| Goat Anti Mouse IgG (STAR76...) | RPE |
| Goat Anti Mouse IgG (H/L) (STAR117...) | Alk. Phos. , DyLight@488 , DyLight@800 , FITC , HRP |
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | Alk. Phos. , HRP |
| Rabbit Anti Mouse IgG (STAR13...) | HRP |
| HuCAL Anti Mouse IgG1 (HCA036...) | HRP |
| Rabbit Anti Mouse IgG (STAR9...) | FITC |
| Rabbit Anti Mouse IgG (STAR12...) | RPE |
| Sheep Anti Mouse IgG (H/L) (AAC10...) | Biotin , FITC |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |
| Rabbit Anti Mouse IgG (STAR8...) | DyLight@800 |
| Goat Anti Mouse IgG (STAR70...) | FITC |