

Datasheet: VMA00578

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|----------------------|------------------------|
| Description: | MOUSE ANTI TRANSFERRIN |
| Specificity: | TRANSFERRIN |
| Format: | Purified |
| Product Type: | PrecisionAb Monoclonal |
| Isotype: | IgG1 |
| Quantity: | 100 µl |

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 |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪ | | | 1/1000 |

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

| | |
|--------------------------------|---|
| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Preparation | Mouse monoclonal antibody purified by affinity chromatography on Protein G from ascites |
| Buffer Solution | HEPES buffered saline |
| Preservative | 0.09% Sodium Azide (NaN ₃) |
| Stabilisers | 1% Bovine Serum Albumin <50% Glycerol |
| Immunogen | Transferrin purified from human plasma |
| External Database Links | UniProt: P02787 Related reagents |

Entrez Gene:[7018](#) TF [Related reagents](#)

Specificity **Mouse anti Human transferrin antibody** recognizes serotransferrin, also known as beta-1 metal-binding globulin or siderophilin.

The TF gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum (provided by RefSeq, Sep 2009).

Mouse anti Human transferrin antibody detects a band of 83 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti transferrin detects a band of approximately 83 kDa in HepG2 cell lysates

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #20359 available at: Antibody (20359): <https://www.bio-rad-antibodies.com/uploads/MSDS/20359.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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