

# Anti-Transferrin Receptor 2 Rabbit Monoclonal Antibody

Catalog # ABO15331

## Product Information

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|--------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC                                                                                                                   |
| <b>Primary Accession</b> | <a href="#">Q9UP52</a>                                                                                                    |
| <b>Host</b>              | Rabbit                                                                                                                    |
| <b>Isotype</b>           | IgG                                                                                                                       |
| <b>Reactivity</b>        | Human                                                                                                                     |
| <b>Clonality</b>         | Monoclonal                                                                                                                |
| <b>Format</b>            | Liquid                                                                                                                    |
| <b>Description</b>       | Anti-Transferrin Receptor 2 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human. |

## Additional Information

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 7036                                                                                                                                       |
| <b>Other Names</b>         | Transferrin receptor protein 2, Tfr2, TFR2                                                                                                 |
| <b>Calculated MW</b>       | 88755                                                                                                                                      |
| <b>Application Details</b> | WB 1:500-1:2000<br>IHC 1:50-1:200                                                                                                          |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 19T07                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human Transferrin Receptor 2                                                                            |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

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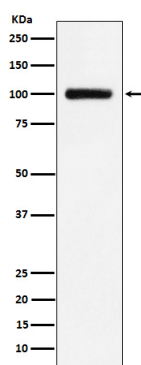
|                          |                                                                                                                                                                              |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | TFR2                                                                                                                                                                         |
| <b>Function</b>          | Mediates cellular uptake of transferrin-bound iron in a non- iron dependent manner. May be involved in iron metabolism, hepatocyte function and erythrocyte differentiation. |
| <b>Cellular Location</b> | Cell membrane; Single-pass type II membrane protein                                                                                                                          |

## Tissue Location

Predominantly expressed in liver. While the alpha form is also expressed in spleen, lung, muscle, prostate and peripheral blood mononuclear cells, the beta form is expressed in all tissues tested, albeit weakly

## Images

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Western blot analysis of Transferrin Receptor 2 expression in HepG2 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.