

# Product Datasheet

## TfR (Transferrin R) Antibody (13E4cc) - BSA Free NB100-73092

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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### Publications: 4

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**NB100-73092**

TfR (Transferrin R) Antibody (13E4cc) - BSA Free

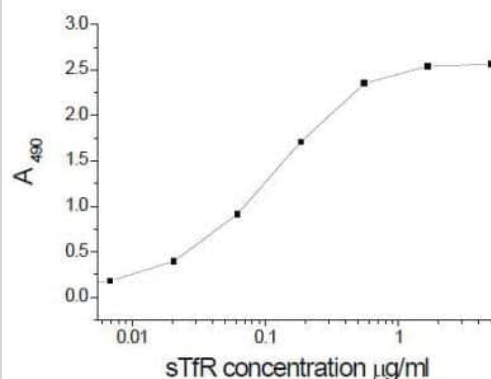
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.2 mg   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C. Do not freeze.  |
| Clonality           | Monoclonal   |
| Clone               | 13E4cc   |
| Preservative        | 0.09% Sodium Azide   |
| Isotype             | IgG2a  |
| Purity              | Protein A purified   |
| Buffer              | PBS (pH 7.4)   |

| Product Description     |  |
|-------------------------|--|
| Description             | Novus Biologicals Mouse TfR (Transferrin R) Antibody (13E4cc) - BSA Free (NB100-73092) is a monoclonal antibody validated for use in WB and ELISA. Anti-TfR (Transferrin R) Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                    | Mouse  |
| Gene ID                 | 7037   |
| Gene Symbol             | TFRC   |
| Species                 | Human  |
| Marker                  | Recycling Endosome Marker  |
| Specificity/Sensitivity | This is specific to human soluble transferrin receptor and complex between soluble transferrin receptor and transferrin.   |
| Immunogen               | Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified human soluble transferrin receptor.  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, ELISA, Sandwich ELISA  |
| Recommended Dilutions       | Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Sandwich ELISA 1:100-1:2000 |
| Application Notes           | Best pair (capture-detection): NB110-8468 - NB100-73092                    |

**Images**

ELISA: TfR (Transferrin R) Antibody (13E4) [NB100-73092] - Titration curve of purified soluble transferrin receptor (sTfR) using pair 23D10 - 13E4. Capture: MAb 23D10 (NB110-8468); 200 ng/well Detection: MAb 13E4 conjugated with HRP Room temperature



## Publications

Yin J, Niu J, Huo J et al. Construction and Evaluation of a Novel MAP Immunoassay for 9 Nutrition-and-Health-Related Protein Markers Based on Multiplex Liquid Protein Chip Technique *Nutrients* 2023-03-21 [PMID: 36986252]

Cui F, Mi H, Wang R et al. The effect of chronic intermittent hypobaric hypoxia improving liver damage in metabolic syndrome rats through ferritinophagy *Research Square* 2023-05-24 (WB, Rat)

Kitamura K, Okamoto A, Morio H et al. Human Immortalized Cell-Based Blood-Brain Barrier Spheroid Models Offer an Evaluation Tool for the Brain Penetration Properties of Macromolecules *Molecular pharmaceutics* 2022-08-01 [PMID: 35766901]

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof *United States Patent Application US 9958448 B2* 2018-01-01





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### **Products Related to NB100-73092**

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|             |  |
|-------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007      | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539      | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-96778  | Mouse IgG2a Isotype Control (M2A)                  |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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