

MOUSE TRANSFERRIN - 010-0134
Code: 010-0134

Size: 5 mg

Product Description: MOUSE TRANSFERRIN - 010-0134

Concentration: 4.5 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Gene Name	Trf
Buffer	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	None
Storage Condition	Store vial at 4° C prior to opening. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Mouse Transferrin is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	HP; Tf; Tfn; hpx; Cd176; AI266983; MGC102653
Application Note	Mouse Transferrin is a suitable protein for use as a control reagent in SDS, Western Blotting, and ELISA experiments. For blotting, the expected molecular weight of Mouse Transferrin is approximately 80kDa. Mouse Transferrin, when unopened, is stable at 4° C, but for extended use should be aliquoted and stored at -20° C in its undiluted form. If dilutions of Mouse Transferrin are required, they should be prepared just prior to use and not retained.
Background	Mouse Transferrin is a blood plasma glycoprotein which binds iron and regulates the amount of available iron in circulation. Mouse Transferrin has a high affinity for iron, but this binding is reversible. Mouse Transferrin has a molecular weight of approximately 80kDa. Mouse Transferrin also plays a role in the immune system, creating environments low in iron for which many pathogenic bacteria are unable to thrive.
Purity And Specificity	Mouse Transferrin was prepared from normal serum by a multi-step process which includes delipidation and selective precipitation followed by extensive dialysis against the buffer stated above. Mouse Transferrin was assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse Transferrin and anti-Mouse Serum.
Assay Dilutions	User Optimized
ELISA	User Optimized
Western Blot	User Optimized
Immunohistochemistry	User Optimized
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.

Related Products

009-0134	HUMAN TRANSFERRIN - 009-0134
010-0102	MOUSE IgG whole molecule - 010-0102
012-0134	RAT TRANSFERRIN - 012-0134
100-401-090	Anti-FERRITIN (Human Spleen) (RABBIT) Antibody - 100-401-090

Related Links

GeneID - 2204

<http://www.ncbi.nlm.nih.gov/gene/22041>

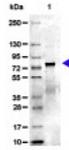
NCBI - AAH22986.1

<http://www.ncbi.nlm.nih.gov/protein/AAH22986.1>

Images

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SDS-Page of Mouse Transferrin Lane 1: Mouse Transferrin Load:
1.0 µg per lane Predicted/Observed size: 80 kDa, 80 kDa



Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.