



Anti-Human TNF p55 Receptor (sTNFRp55) (RABBIT) Antibody - 109-401-308

Code: 109-401-308

Size: 1 mL

Product Description: Anti-Human TNF p55 Receptor (sTNFRp55) (RABBIT) Antibody - 109-401-308

Concentration: 85 mg/mL by Refractometry

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Rabbit
Gene Name	TNFRSF1A
Species Reactivity	human, primate
Buffer	None
Stabilizer	None
Preservative	None
Storage Condition	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	TBP1 antibody, TNFR1 antibody, TNFR55 antibody, TNFRSF1A antibody, Tumor necrosis factor alpha receptor antibody, rabbit anti-Tumor Necrosis Factor p55 Antibody, rabbit anti-TNF p55 Antibody
Application Note	This antiserum against Human TNF p55 Receptor (sTNFRp55) has been tested for use in ELISA, radioimmunoassays, immunoblotting and immunoprecipitation. Reactivity in other immunoassays is unknown. This product has been assayed for the ability to immunoprecipitate antigen. A dilution range of 1:400 to 1:800 is suggested for this immunoassay. For immunoprecipitation, pre-clearing with a non-specific rabbit IgG is helpful to reduce background. This product has been assayed by immunoblot using HRP Goat-anti-Rabbit IgG [H&L] (code # 611-1302) and TMB as a substrate. A working dilution range of 1:200 to 1:400 is suggested for this application. This product has been assayed by ELISA against soluble (extracellular) sTNFRp55 using HRP Conjugated Anti-Rabbit IgG [H&L] (Goat) (code # 611-1302) and ABTS as a substrate for 30 minutes at room temperature. A working dilution range of 1:1,000 to 1:2,000 is suggested for this product. For use in ELISA formats, this antibody is best used as the second antibody in combination with a monoclonal antibody as a capture antibody. This product has been assayed by radioimmunoassay against antigen. A dilution of 1:8,000 is suggested for this immunoassay.
Background	Tumor necrosis factor receptor superfamily member 1A (TNF p55 Receptor) is a receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. It contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.
Purity And Specificity	This antiserum has been heated to 56°C for 30 minutes. The antiserum is directed against the extracellular domain of the cell bound human TNFRp55. In general, this antibody also detects primate sTNFRp55. The antibody does not recognize human sTNFRp75. In ELISA formats and other immunoreactive assays, this antibody will detect the extracellular domain of the TNFRp55 found in human body fluids, particularly in the circulation, urine and supernatants of cells and synovial fluid.
Assay Dilutions	User Optimized
ELISA	1:1,000 - 1:5,000
Western Blot	1:200 to 1:1000
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	The whole rabbit serum was prepared by repeated immunizations with recombinant human sTNFRp55 expressed in Chinese Hamster Cells.

Related Products

009-001-306	TNF-a Human Recombinant Protein - 009-001-306
100-401-219	Anti-IKKa (RABBIT) Antibody - 100-401-219

100-401-219p IKKa CONTROL PEPTIDE - 100-401-219p
109-401-306 Anti-Human TNF alpha (RABBIT) Antibody - 109-401-306

Related Links

NCBI - P19438.1

<http://www.ncbi.nlm.nih.gov/protein/P19438.1>

UniProtKB - P19438 <http://www.uniprot.org/uniprot/P19438>

GeneID - 7132

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.