

# Product Datasheet

## **TNF RI/TNFRSF1A Antibody** **NB600-627-500ug**

Unit Size: 500 ug

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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**NB600-627-500ug**

TNF RI/TNFRSF1A Antibody

**Product Information**

<b>Unit Size</b>	500 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein G purified
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Target Molecular Weight</b>	50.49 kDa

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	7132
<b>Gene Symbol</b>	TNFRSF1A
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is directed against the extracellular domain of the cell bound human TNFRp55. In general, this antibody also detects primate TNF RI/TNFRSF1A. 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. Caution should be exhibited as the F(c) domain of the rabbit IgG molecule may interact with cells non-specifically.
<b>Immunogen</b>	The whole rabbit serum used to produce this IgG fraction TNF RI/TNFRSF1A Antibody was prepared by repeated immunizations with recombinant human TNF RI/TNFRSF1A expressed in Chinese Hamster Cells. (Uniprot: P19438)
<b>Notes</b>	<p>This antibody is an IgG preparation of whole rabbit serum purified by Protein G chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C 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 4C as an undiluted liquid. Dilute only prior to immediate use.</p>

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry, ELISA 1:1000-1:5000, Immunoprecipitation

**Application Notes**

Reactivity in other immunoassays is unknown. This product has been assayed for the ability to immunoprecipitate antigen and a dilution range of 1:400 to 1:800 is suggested. For immunoprecipitation, pre-clearing with a non-specific rabbit IgG is helpful to reduce background. This product has been assayed by immunoblot and 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 at a dilution range of 1:2,000 to 1:8,000. 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.



## Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

## Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

## Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

## General Contact Information

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## 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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