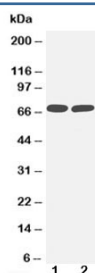


## TNFR2 Antibody (R30345)

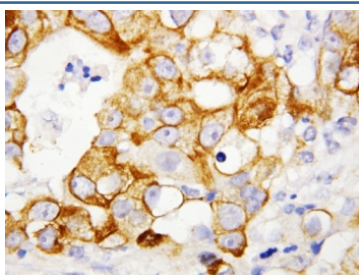
Catalog No.	Formulation	Size
R30345	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P20333
<b>Localization</b>	Cytoplasmic, membrane
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This TNFR2 antibody is available for research use only.



Western blot testing of TNFR2 antibody and Lane 1: MM453; 2: Jurkat cell lysate.  
Predicted molecular weight: 50 kDa (unmodified), 70-80 kDa (glycosylated).



IHC-P: TNFR2 antibody testing of human breast cancer tissue

## Description

Tumor necrosis factor receptor 2 is one of receptors of TNF. TNF has proinflammatory and immunosuppressive properties that may segregate at the level of the 2 TNF receptors (TNFRs), TNFR1 and TNFR2. The genes for TNFR1, a 55-kDa protein, and TNFR2, a 70-kDa protein, have been mapped to human chromosomes 12(12pter-cen) and 1(1pter-p32), respectively. TNFR2 was induced on glomerular endothelial cells of nephritic kidneys, and expression on intrinsic cells, but not leukocytes, was essential for glomerulonephritis and glomerular complement deposition. TNFR1 promotes systemic immune responses and renal T cell death, while intrinsic cell TNFR2 plays a critical role in complement-dependent tissue injury. Therefore, therapeutic blockade specifically of TNFR2 may be a promising strategy in the treatment of immune-mediated glomerulonephritis.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the TNFR2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the middle region of human TNF Receptor 2 (DQVETQACTREQNRICTCR) was used as the immunogen for this TNFR2 antibody.

## Storage

After reconstitution, the TNFR2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.