

For Research Use Only

# RANK/TNFRSF11A Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00249-3

## Capture Antibody Information

**Catalog Number:**  
83253-7-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250531D3  
**Reactivity:**  
human  
**GenBank:**  
NM\_003839  
**Immunogen Catalog Number:**  
Eg3521

**Conjugate:**  
Unconjugated  
**Full name:**  
tumor necrosis factor receptor superfamily, member 11a, NFKB activator  
**Gene ID:**  
8792

## Detection Antibody Information

**Catalog Number:**  
83253-6-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250531H1  
**Reactivity:**  
human  
**GenBank:**  
NM\_003839  
**Immunogen Catalog Number:**  
Eg3521

**Conjugate:**  
Unconjugated  
**Full name:**  
tumor necrosis factor receptor superfamily, member 11a, NFKB activator  
**Gene ID:**  
8792

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.313-20 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00249-3 targets RANK/TNFRSF11A in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TNFRSF11A Recombinant monoclonal antibody, PBS Only (Capture) 83253-7-PBS (250531D3). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: TNFRSF11A Recombinant monoclonal antibody, PBS Only (Detector) 83253-6-PBS (250531H1). 100  $\mu$ g. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

For technical support and original validation data for this product please contact:

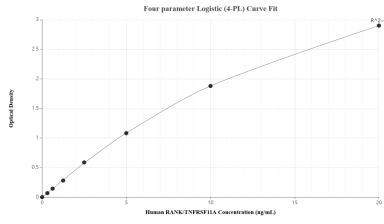
T: 4006900926

E: Proteintech-CN@ptglab.com

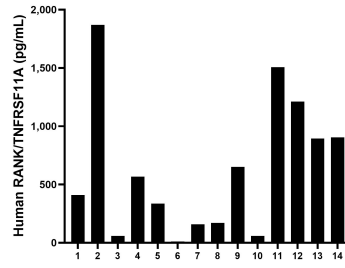
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

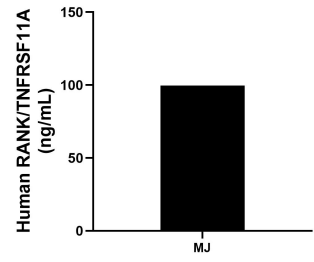
## Selected Validation Data



Sandwich ELISA standard curve of MP00249-3, Human RANK/TNFRSF11A Recombinant Matched Antibody Pair - PBS only. 83253-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3521. 83253-6-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Plasma of fourteen individual healthy human donors was measured. The RANK/TNFRSF11A concentration of detected samples was determined to be 628.83 pg/mL with a range of 10.20-1,869.97 pg/mL



The mean RANK/TNFRSF11A concentration was determined to be 99.57 ng/mL in MJ cell extract based on a 1.20 mg/mL extract load.