

For Research Use Only

# MIA3 Recombinant antibody, PBS Only

Catalog Number: 86403-3-PBS



## Basic Information

<b>Catalog Number:</b> 86403-3-PBS	<b>GenBank Accession Number:</b> BC047116	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 375056	<b>CloneNo.:</b> 250698A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5JRA6	
<b>Isotype:</b> IgG	<b>Full Name:</b> melanoma inhibitory activity family, member 3	
<b>Immunogen Catalog Number:</b> AG39740	<b>Calculated MW:</b> 214 kDa	
	<b>Observed MW:</b> 300 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Melanoma inhibitory activity member 3 (MIA3/TANGO1) is an evolutionarily conserved endoplasmic reticulum resident transmembrane protein.

## Storage

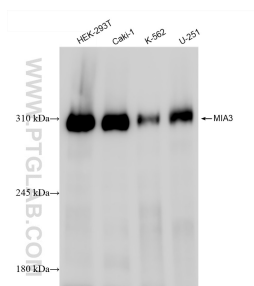
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

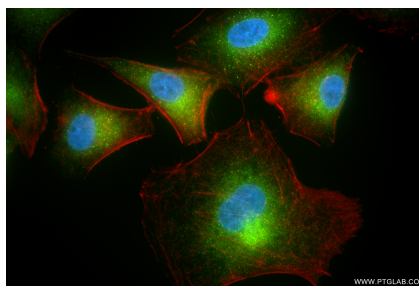
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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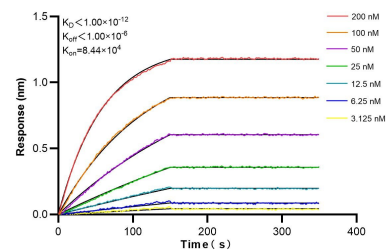
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86403-3-RR (MIA3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86403-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using MIA3 antibody (86403-3-RR, Clone: 250698A6) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86403-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86403-3-RR against Human MIA3 were performed. The affinity constant is below 1 pM.