

For Research Use Only

# MAEA Recombinant antibody, PBS Only (Capture)



Catalog Number: 83267-1-PBS

## Basic Information

<b>Catalog Number:</b> 83267-1-PBS	<b>GenBank Accession Number:</b> BC001225	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg/ml	<b>GeneID (NCBI):</b> 10296	<b>CloneNo.:</b> 240097B2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q7L5Y9	<b>Affinity:</b> $K_D < 1.00 \times 10^{-12}$
<b>Isotype:</b> IgG	<b>Full Name:</b> macrophage erythroblast attacher	$K_{off} < 1.00 \times 10^{-6}$
<b>Immunogen Catalog Number:</b> AG27150	<b>Calculated MW:</b> 45 kDa	$K_{on} = 9.49 \times 10^4$

## Applications

**Tested Applications:**  
Indirect ELISA, Cytometric bead array, WB

**Species Specificity:**  
mouse, human

## Background Information

### 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:

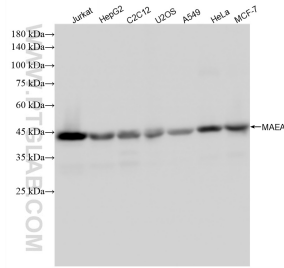
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

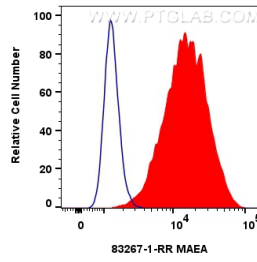
W: [ptgcn.com](http://ptgcn.com)

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

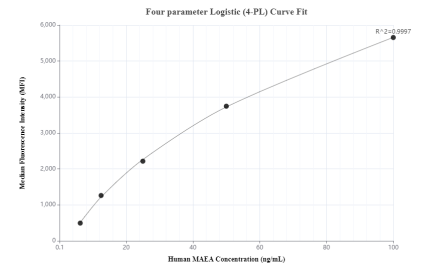
## Selected Validation Data



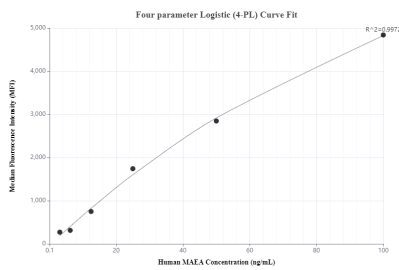
Various lysates were subjected to SDS PAGE followed by western blot with 83267-1-RR (MAEA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83267-1-PBS in a different storage buffer formulation.



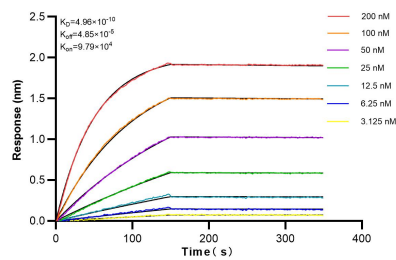
$1 \times 10^6$  U-251 cells were intracellularly stained with 0.25  $\mu$ g MAEA Recombinant antibody (83267-1-RR, Clone:240097B2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83267-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00233-1, MAEA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83267-1-PBS. Detection antibody: 83267-3-PBS. Standard: Ag27150. Range: 2.5-100 ng/mL.



Cytometric bead array standard curve of MP00233-2, MAEA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83267-1-PBS. Detection antibody: 83267-2-PBS. Standard: Ag27150. Range: 1.25-100 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83267-1-RR against Human MAEA were performed. The affinity constant is 0.496 nM.