

For Research Use Only

# CoraLite® Plus 488-conjugated EPHA7 Monoclonal antibody



Catalog Number: **CL488-66667**

## Basic Information

<b>Catalog Number:</b> CL488-66667	<b>GenBank Accession Number:</b> BC027940	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2045	<b>CloneNo.:</b> 1A7E5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q15375	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG1	<b>Full Name:</b> EPH receptor A7	
<b>Immunogen Catalog Number:</b> AG3813	<b>Calculated MW:</b> 998 aa, 112 kDa	
	<b>Observed MW:</b> 120 kDa	

## Applications

**Tested Applications:**  
**Species Specificity:**  
Human, Mouse, Rat, Pig

## Background Information

Ephrin receptor A7 (EphA7) is a member of the Eph receptor family. EPHA7 plays a role in corticogenesis processes, determines brain size and shape, and is involved in development of the central nervous system (PMID:34176129). In addition, EphA7 also has a dual role of tumor promoter and tumor suppressor. It can participate in cell proliferation, migration and apoptosis through various mechanisms, and affect tumor differentiation, staging and prognosis. EphA7 may be a potential diagnostic marker and tumor treatment target (PMID:35112312).

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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