

For Research Use Only

EPS8 Recombinant antibody, PBS Only

Catalog Number: 85184-5-PBS



Basic Information

Catalog Number:

85184-5-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3121

GenBank Accession Number:

BC030010

GeneID (NCBI):

2059

UNIPROT ID:

Q12929

Full Name:

epidermal growth factor receptor pathway substrate 8

Calculated MW:

822 aa, 92 kDa

Observed MW:

97 kDa

Purification Method:

Protein A purification

CloneNo.:

242835G12

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Epidermal growth factor receptor Pathway Substrate 8 (EPS8) is a crucial regulator of the actin cytoskeleton dynamics accompanying cell motility and invasion. This protein contains one PH domain and one SH3 domain leading to its binding activity with multiple cellular targets. EPS8 can function as a unique actin capping protein specifically required for dendritic cell migration and plays roles in the regulation of axonal filopodia in neuronal development and synapse formation. The EPS8 gene may contribute to the development of a subset of colorectal cancers and could have applications in diagnosis and treatment.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

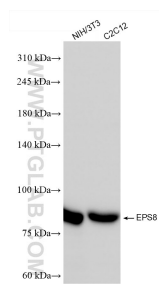
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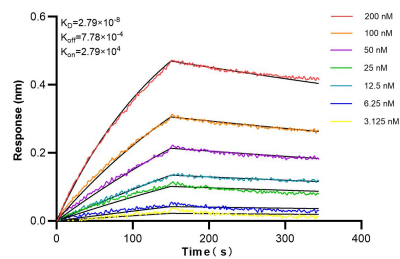
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Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 85184-5-RR (EPS8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85184-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85184-5-RR against Human EPS8 were performed. The affinity constant is 27.9 nM.