

CoraLite® Plus 488-conjugated EPHA7 Monoclonal antibody

Catalog Number: **CL488-66667**

Basic Information

Catalog Number:

CL488-66667

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG3813

GenBank Accession Number:

BC027940

GeneID (NCBI):

2045

UNIPROT ID:

Q15375

Full Name:

EPH receptor A7

Calculated MW:

998 aa, 112 kDa

Observed MW:

120 kDa

Purification Method:

Protein G purification

CloneNo.:

1A7E5

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

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

