

For Research Use Only

CoraLite® Plus 647-conjugated ADAM8 Monoclonal antibody

Catalog Number: CL647-68113



Basic Information

Catalog Number:

CL647-68113

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17262

GenBank Accession Number:

BC115404

GeneID (NCBI):

101

UNIPROT ID:

P78325

Full Name:

ADAM metalloproteinase domain 8

Calculated MW:

824 aa, 89 kDa

Observed MW:

90 kDa

Purification Method:

Protein G purification

CloneNo.:

3A12H2

Recommended Dilutions:

FC (Intra): 0.8 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, pig

Positive Controls:

FC (Intra) : A431 cells,

Background Information

ADAM8 is a type I transmembrane (TM) glycoprotein consisting of an N-terminal prodomain, followed by a metalloproteinase-, disintegrin (DIS)-, cysteine-rich-, epidermal growth factor (EGF)-like- and TM domain and a cytoplasmic tail. Expression levels of ADAM8 in normal tissue are typically low and limited to a few distinct cell types in the lymphatic organs as components of the immune system, the central nervous system, bone, and the lung. This antibody can be used to detect endogenous ADAM8 with an apparent molecular weight of 90 kDa (the calculated MW). ADAM8 also can be detectable as a band with a molecular weight (MW) of 98 kDa, slightly larger than the calculated MW (90 kDa) (PMID:11050116).

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

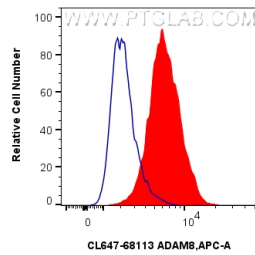
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



1x10⁶ A431 cells were intracellularly stained with 0.8 ug Coralite® Plus 647 Adam8 Monoclonal Antibody (CL647-68113, Clone:3A12H2)(red), or 0.8 ug Coralite® Plus 647 Mouse IgG1 Isotype Control (MOPC-21) (CL647-65124, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00017).