

TAPBPL Monoclonal antibody

Catalog Number: 68577-1-Ig

Basic Information

Catalog Number:

68577-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG14371

GenBank Accession Number:

BC015017

GeneID (NCBI):

55080

UNIPROT ID:

Q9BX59

Full Name:

TAP binding protein-like

Calculated MW:

468 aa, 50 kDa

Observed MW:

55 kDa

Purification Method:

Protein G purification

CloneNo.:

1D12C2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : SCaBER cells, MCF-7 cells, HT-1376 cells, A431 cells, U-87 MG cells, Jurkat cells, human placenta tissue

Background Information

TAPBPL, also named as TAPBP-R and TAPASIN-R, is a member of the variable-constant Ig superfamily that links MHC class I molecules to the transporter associated with antigen processing in the endoplasmic reticulum.

Storage

Storage:

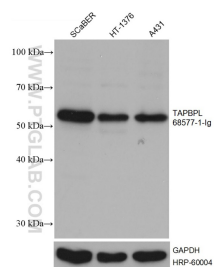
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

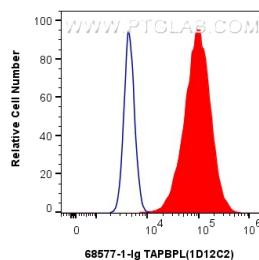
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68577-1-Ig (TAPBPL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



1×10^6 A431 cells were intracellularly stained with 0.4 μ g TAPBPL Monoclonal antibody (68577-1-Ig, Clone: 1D12C2) and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002) (red), or 0.4 μ g Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone: 1F8D3) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).