COSMO BIO CO., LTD.
Inspiration for Life Science

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Catalog No.CBX00239

Mouse monoclonal antibody Anti-Human TADA3L

Lot No. TADAD25A-2
Clone No. TADAD25A
Antibody class : IgG1
Immunogen : Recombinant

Formulation
Mouse monoclonal anti-human **TADA3L** antibody in PBS (3.0 mM KCl, 1.5 mM KH_2PO_4, 140 mM NaCl, 8.0 mM Na_2HPO_4 (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide (NaN_3).

Antibody concentration
100 µg/ml (1.0 ml)

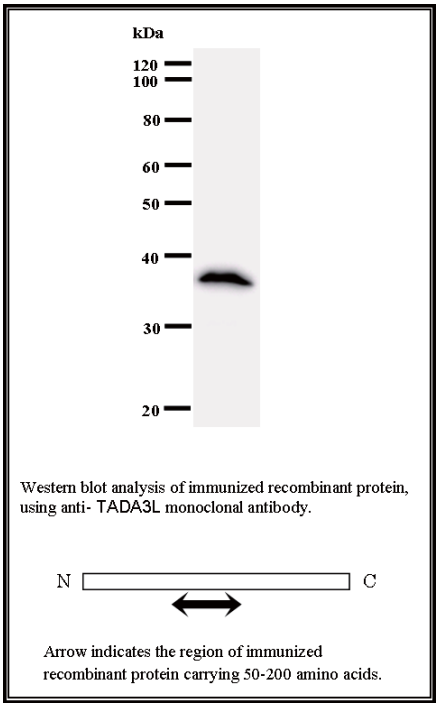
Storage
Store at 2-8℃ for up to one year.
We recommend storing at –20℃ for long-term storage.
Avoid repeat freezing and thawing cycles.

Preparation
This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.

Sterility
Filtered through a 0.22 µm membrane.

Applications
WB, IC, ELISA

Disposal
This antibody solution contains sodium azide (NaN_3) as a preservative. There is a potential hazard that NaN_3 reacts with copper or lead to produce an explosive compound. For safe disposal, the vial has to be washed thoroughly with water.



Western blot analysis of immunized recombinant protein, using anti- TADA3L monoclonal antibody.

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.

Safety warnings and precautions
Caution must be taken to avoid contact with skin or eyes. In such a case, rinse thoroughly at once with water.
Do not ingest, inhale, or swallow. Seek medical attention immediately.
Wear appropriate protective clothing such as laboratory overalls, safety glasses and gloves.
It is strongly advised that this product should be handled by people who have been well trained in laboratory techniques and that it is handled with care pursuant to the principles of good laboratory practice.
All chemicals are deemed potentially harmful.
The vial is prone to fall over. Use caution, especially when the lid is off.

FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC PROCEDURES.

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Mouse monoclonal antibody Anti-Human TADA3L

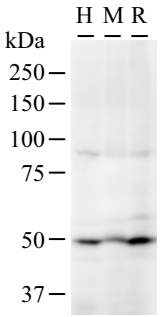
Background

Many DNA-binding transcriptional activator proteins enhance the initiation rate of RNA polymerase II-mediated gene transcription by interacting functionally with the general transcription machinery bound at the basal promoter. Adaptor proteins are usually required for this activation, possibly to acetylate and destabilize nucleosomes, thereby relieving chromatin constraints at the promoter. The protein encoded by this gene is a transcriptional activator adaptor and has been found to be part of the PCAF histone acetylase complex. In addition, it associates with the tumor suppressor protein p53 and is required for full activity of p53 and p53-mediated apoptosis. At least four alternatively spliced variants have been found for this gene, but the full-length nature of some variants has not been determined. [NCBI Entrez Gene Summary]

Recommended condition

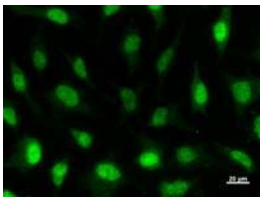
WB: 0.2-2 µg/ml IC: 2-100 µg/ml

Application



Detection of TADA3L by Western blot.
Samples: Whole cell lysate from human HeLa (H, 50 µg) , mouse NIH3T3 (M, 50 µg) and rat F2408 (R, 50 µg) cells.
[Lot No. TADAD25A-2]

Predicted molecular weight: 48 kDa



Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-TADA3L mAb. [Lot No. TADAD25A-2]