



COSMO BIO CO., LTD.
Inspiration for Life Science

Cosmo Bio Co., Ltd

TOYO EKIMAE BLDG, 2-20, TOYO 2CHOME,
KOTO-KU, TOKYO 135-0016, JAPAN
TEL : +81-3-5632-9617
FAX : +81-3-5632-9618
URL : <http://www.cosmobio.co.jp/>
e-mail : export@cosmobio.co.jp

国内連絡先
TEL : 03-5632-9610
FAX : 03-5632-9619

Catalog No. CBX00561

Mouse monoclonal antibody

Anti-Human ADNP

■ Formulation

Mouse monoclonal anti-human ADNP 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 $\mu\text{g}/\text{ml}$ (1.0 ml)

■ Storage

Store at 2-8°C for up to one year.
We recommend storing at -20°C 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, Dot Blot

■ 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 expl-
osive compound. For safe disposal, the vial has to
be washed thoroughly with water.

■ Safety warnings and precautions

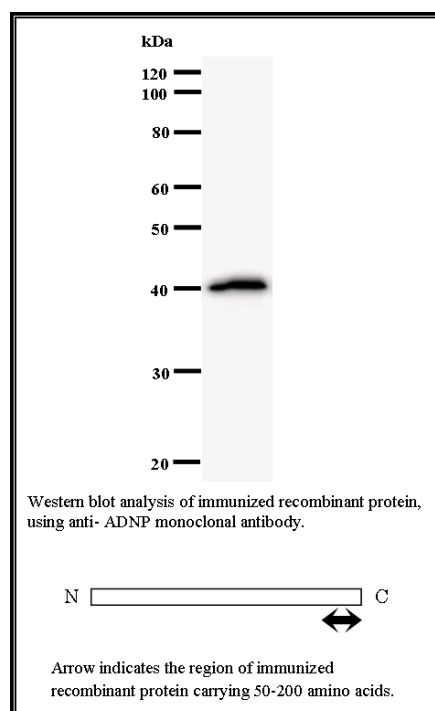
Caution must be taken to avoid contact with skin or eyes. In such a case, rinse thoroughly at once with water.
Do not ingest, inhale, or swallow. Seek medical attention immediately.
Wear appropriate protective clothing such as laboratory overalls, safety glasses and gloves.
It is strongly advised that 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.

Lot No. 102C1a-1

Clone No. 102C1a

Antibody class : IgG1

Immunogen : Recombinant



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

manufactured by BMR



Catalog No. CBX00561

Mouse monoclonal antibody

Anti-Human ADNP

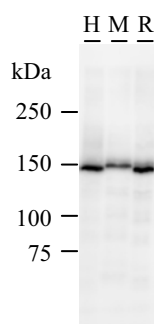
■ Background

Vasoactive intestinal peptide (VIP) is a neuroprotective factor that has been shown to have a stimulatory effect on the growth of some tumor cells and an inhibitory effect on others. The protein encoded by this gene is upregulated by VIP and may be involved in the stimulatory effect of VIP on certain tumor cells. The encoded protein contains one homeobox and nine zinc finger domains, suggesting that it functions as a transcription factor. This gene is also upregulated in normal proliferative tissues. Finally, the encoded protein may increase the viability of certain cell types through modulation of p53 activity. Two transcript variants encoding the same protein have been found for this gene. [NCBI Entrez Gene Summary]

■ Recommended condition

WB: 0.2-2 μ g/ml

■ Application



Detection of ADNP by Western blot.

Samples: Whole cell lysate from human HEK293 (H, 25 μ g), mouse NIH3T3 (M, 25 μ g) and rat F2408 (R, 25 μ g) cells. [Lot No. 102C1a-1]

Predicted molecular weight: 123 kDa