



COSMO BIO CO., LTD.
Inspiration for Life Science

Cosmo Bio Co., Ltd

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Catalog No. CBX00619

Mouse monoclonal antibody

Anti-Human PRKRA

■ Formulation

Mouse monoclonal anti-human PRKRA 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 explosive compound. For safe disposal, the vial has to be washed thoroughly with water.

■ Safety warnings and precautions

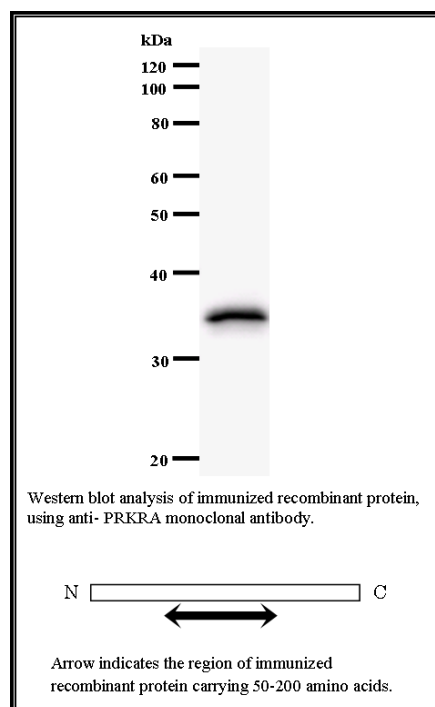
Caution must be taken to avoid contact with skin or eyes. In such a case, rinse thoroughly at once with water. Do not ingest, inhale, or swallow. Seek medical attention immediately.
Wear appropriate protective clothing such as laboratory overalls, safety glasses and gloves.
It is strongly advised that 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. 2830C1a-1

Clone No. 2830C1a

Antibody class : IgG1

Immunogen : Recombinant



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

manufactured by BMR



Catalog No. **CBX00619**

Mouse monoclonal antibody

Anti-Human PRKRA

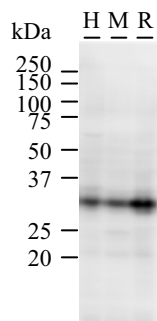
■ Background

Appears to have a pro-apoptotic function that may be suppressed in the presence of growth factor (By similarity). Activates EIF2AK2 in absence of double stranded RNA (dsRNA). [UniProtKB Function]

■ Recommended condition

WB: 0.2-2 μ g/ml

■ Application



Detection of PRKRA 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. 2830C1a-1]

Predicted molecular weight: 34 kDa