

Monoclonal antibody against human EH Domain Binding Protein (EHBP1) Product No. ADG0013

Description

EHBP1 is an EH domain binding protein that, along with EHD2. EHBP1 contains a putative actin-binding calponin homology domain. High expression of EHBP1 or EHD2 in intact cells mediates extensive actin reorganization. Thus EHD2 appears to connect endocytosis to the actin cytoskeleton through interactions of its N-terminal domain with membranes and its C-terminal EH domain with the novel EHBP1 protein.

Preparation

The monoclonal antibody ADG0013 (clone HD-pKe 83 3.3) is a murine monoclonal antibody, subclass IgG₁ recognizing the human EHBP1 protein. Mice were immunized with recombinant EHBP1. The antibody has been purified from cell culture supernatant using Protein G affinity chromatography.

Presentation

Screw capped vial containing 250 µg of purified antibody in PBS pH 7.4 + 0.01% ProClin300. The IgG concentration is given on the vial label. Spin the vial briefly before opening.

Storage and Stability

Store the antibody at 2°-8°C. For long-term storage the antibody should be aliquoted and stored at -20°C or colder. It is recommended to avoid freeze-thaw cycles.

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Applications

- Western-Blot
- Immunohistology
- Immunocytology

Warnings and Precautions

Contains: Mixture of: 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-2H-isothiazol-3-one (3:1) and Modified alkyl carboxylate (ProClin ® 300)

Hazard pictograms



Warning

Signal word

Hazard statements

H317 - May cause an allergic skin reaction.

Precautionary statements

P280 - Wear protective gloves.

P302 + P352 - IF ON SKIN: Wash with plenty of water.

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362 - Take off contaminated clothing and wash before reuse.

P501 - Dispose of contents/container in accordance with local/regional/ national/international regulations.

References

EHD2 and the novel EH domain binding protein EHBP1 couple endocytosis to the actin cytoskeleton. Guilherme A, Soriano NA, Bose S, Holik J, Bose A, Pomerleau DP, Furcinitti P, Leszyk J, Corvera S, Czech MP. J Biol Chem. 2004 Mar 12;279(11):10593-605.

Hinweis/Note:

Der Packungsbeileger dient nur als erste Information. Der relevante Packungsbeileger liegt der Ware bei.
The datasheet is for information purposes only. The current datasheet will be enclosed with product shipment.

For research use only!

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