

Monoclonal antibody against human MAP17

Product No. ADG0014

Description

MAP17 is a 17-kd membrane-associated protein. In normal tissues, MAP17 is expressed in significant amounts only in the kidney, where it was localized to the proximal tubular epithelial cells.⁽⁵⁾ However, MAP17 is expressed abundantly in epithelial carcinomas arising from kidney, colon, lung, and breast^(2, 4) and dermatological diseases.^(1,3)

Preparation

The monoclonal antibody ADG0014 (clone HD-pKe 192 2.1) is a murine monoclonal antibody, subclass IgG₁ recognizing the human MAP17 protein. Mice were immunized with recombinant MAP17. 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.

Applications⁽³⁾

- Western-Blot
- Immunohistology
- Immunocytology

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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

1. MAP17 is associated with the T-helper cell cytokine-induced down-regulation of filaggrin transcription in human keratinocytes. Noh M et al., Exp Dermatol. 2010 Apr;19(4):355-362.
2. MAP17 overexpression is a common characteristic of carcinomas. Gujjarro MV et al., Carcinogenesis. 2007 Aug;28(8):1646-1652.
3. The membrane-associated protein pKe#192/ MAP17 in human keratinocytes. Jaeger C, et al., Invest Dermatol. 2000 Sep;115(3):375-380.
4. Identification and partial characterization of a novel membrane-associated protein (MAP17) up-regulated in human carcinomas and modulating cell replication and tumor growth. Kocher O et al., Am J Pathol. 1996 Aug;149(2):493-500.
5. Identification of a novel gene, selectively up-regulated in human carcinomas, using the differential display technique. Kocher O et al., Clin Cancer Research (1995) 1: 1209-1215.

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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