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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CHD4 [RAB-C211] Standard Size Ab03246-1.1

This chimeric mouse antibody was made using the variable domain sequences of the original Human Fab format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: RAB-C211

Alternative Name(s) of Target: CHD-4; Mi2; Mi-2; chromodomain helicase DNA binding protein 4; Chromodomain-helicase-DNA-binding protein 4; chromatin ATP-dependent helicase domain; ATP-dependent helicase CHD4; Mi-2 autoantigen 218 kDa protein; Mi2-beta; CHD4-RAB-C211; CHD4-A001-1307; CHD4-P001

UniProt Accession Number of Target Protein: Q14839

Published Application(s): ELISA, IF

Published Species Reactivity: Human

Immunogen: The original antibody was isolated from an optimised automated phage display library by panning against specific antigens.

Specificity: This antibody binds human chromodomain-helicase-DNA-binding protein 4 (CHD4). It is a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin by deacetylating histones. Patients with dermatomyositis develop antibodies against this protein. Somatic mutations in the gene that encodes this protein are associated with serous endometrial tumors.

Application Notes: The binding specificity of this antibody to human CHD4 was confirmed with ELISA. This antibody was also used in the immunofluorescence staining of 6 human cell lines (PMID: 26290498).

Antibody First Published in: Hornsby et al. A High Through-put Platform for Recombinant Antibodies to Folded Proteins Mol Cell Proteomics. 2015 Oct; 14(10): 2833-2847. [PMID:26290498](#)

Note on publication: Describes the generation of optimized automated phage display and antigen expression pipeline to generate recombinant antibodies against transcription factors (TFs) and epigenetic antigens.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.