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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CHD4 [RAB-C212] Bulk Size Ab03247-10.27-BT

This is a Fab fragment with His tag.

This reformatted human 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: Human Fab fragment, His-Tagged, Kappa

Clone Number: RAB-C212

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-C212; CHD4-A001-1313

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: 500 µg Purified antibody in bulk size.

Purification: Purified by Immobilized Metal Affinity Chromatography

Supplied In:

PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.