



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-CHD4 [RAB-C212] Standard Size Ab03247-10.0

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 IgG1, 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:** 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.