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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CDX2 [12B6] Bulk Size Ab03239-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2b format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 12B6

Alternative Name(s) of Target: Homeobox protein CDX-2; CDX-3; Caudal-type homeobox protein 2; rabbit mono-ERP2764Y; TA347

UniProt Accession Number of Target Protein: Q99626

Published Application(s): WB, ELISA, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing a mouse with the CDX2-KLH protein.

Specificity: The antibody recognises human CDX2. The CDX2 protein is a homeobox transcription factor expressed in the nuclei of intestinal epithelial cells, playing an essential role in the development and function of the digestive system.

Application Notes: The antibody was used for immunohistochemistry on stomach adenocarcinoma, showing accurate staining location, clear staining, no non-specific staining, and clean background. Further, immunohistochemistry staining on stomach adenocarcinoma from 12B6 antibody and the commercial antibody, rabbit mono-ERP2764Y, were compared. Results showed the staining intensity of 12B6 antibody was significantly higher than those of ERP2764Y, showing 12B6 antibody is more sensitive. Moreover, the antibody and the commercial antibody TA347 were used for immunohistochemistry on appendix tissue. Results showed that the antibody (12B6) and the commercially available antibody (TA347) were simultaneously detected on the normal tissue chip, and the negative and positive detection results were consistent, indicating that the specificity of the antibody in normal tissue was equivalent to that of the commercially available antibody. The antibody detected human CDX2 by western blot analysis (CN113265000).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

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.