

Datasheet for ABIN1724753
anti-Id2 antibody (AA 1-134)



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5 Images

1 Publication

Overview

Quantity:	100 µL
Target:	Id2
Binding Specificity:	AA 1-134
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Id2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human ID2 (AA: 1-134) expressed in E. coli.
Clone:	4E12G5
Isotype:	IgG1
Purification:	purified

Target Details

Target:	Id2
Alternative Name:	ID2 (Id2 Products)
Background:	Description: The protein encoded by this gene belongs to the inhibitor of DNA binding family, members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain

Target Details

but not a basic domain. Members of the inhibitor of DNA binding family inhibit the functions of basic helix-loop-helix transcription factors in a dominant-negative manner by suppressing their heterodimerization partners through the HLH domains. This protein may play a role in negatively regulating cell differentiation. A pseudogene of this gene is located on chromosome 3. , , ,

Aliases: GIG8, ID2A, ID2H, bHLHb26

Molecular Weight: 15 kDa

Gene ID: 3398

HGNC: 3398

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

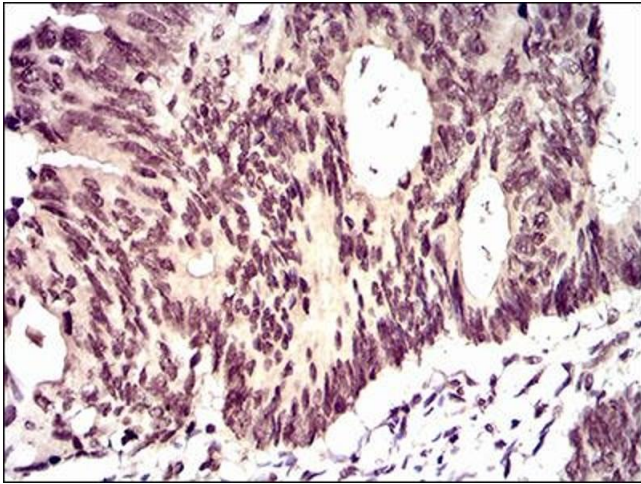
Storage Comment: 4°C, -20°C for long term storage

Publications

Product cited in: Zuhlke, Johnson, Okoth, Stoffel, Robbins, Tembe, Salinas, Zheng, Xu, Carpten, Lange, Isaacs, Cooney: "Identification of a novel NBN truncating mutation in a family with hereditary prostate cancer." in: **Familial cancer**, Vol. 11, Issue 4, pp. 595-600, (2012) ([PubMed](#)).

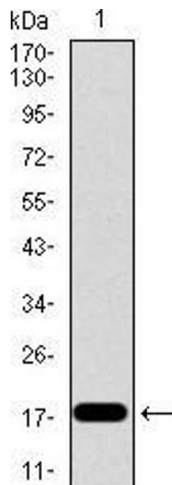
Zheng, Zhang, Jiang, You, Liu, Lu, Zhou: "Functional NBS1 polymorphism is associated with occurrence and advanced disease status of nasopharyngeal carcinoma." in: **Molecular carcinogenesis**, Vol. 50, Issue 9, pp. 689-96, (2011) ([PubMed](#)).

Images



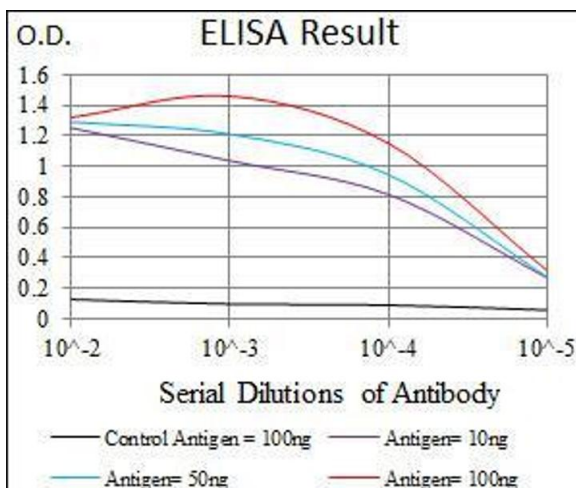
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using ID2 mouse mAb with DAB staining.



Western Blotting

Image 2. Western blot analysis using ID2 mAb against human ID2 recombinant protein. (Expected MW is 17.3 kDa)



ELISA

Image 3. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1724753.