

Datasheet for ABIN1724754
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, Immunohistochemistry (IHC), Western Blotting (WB), Flow Cytometry (FACS)

Product Details

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

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,

Target Details

members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain 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: 15kDa

Gene ID: 3398

HGNC: 3398

UniProt: [Q02363](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % 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.

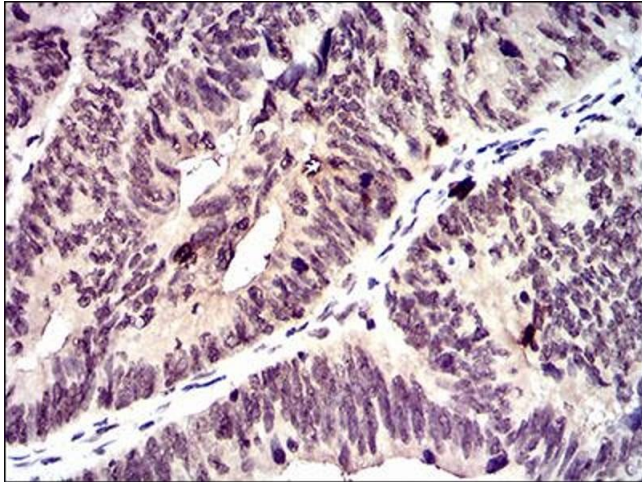
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Publications

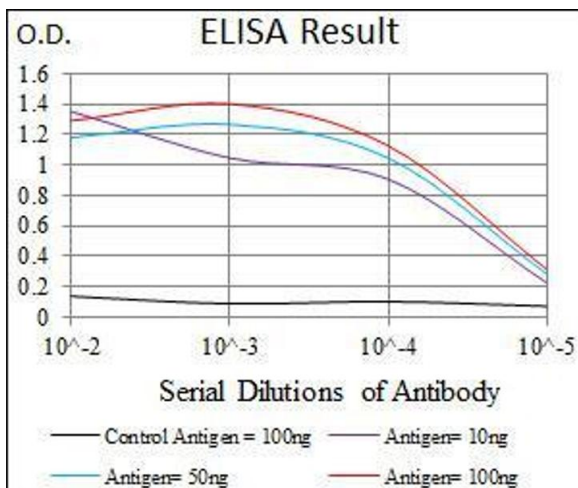
Product cited in: Chen, Zhang, Cai, Yao: "ID2: A negative transcription factor regulating oligodendroglia differentiation." in: **Journal of neuroscience research**, Vol. 90, Issue 5, pp. 925-32, (2012) (

Images



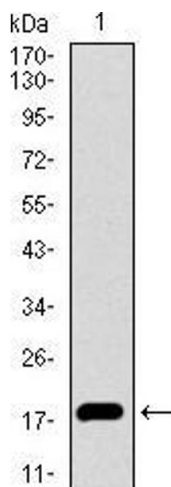
Immunohistochemistry

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



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Western Blotting

Image 3. Western blot analysis using ID2 mAb against human ID2 recombinant protein. (Expected MW is 17.3 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1724754.