

Product Name: ID2 Mouse Monoclonal Antibody
Catalog #: AMM83026



Summary

Production Name	ID2 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	ID2
Alternative Names	GIG8; ID2A; ID2H; bHLHb26
Gene ID	3398.0
SwissProt ID	Q02363.Purified recombinant fragment of human ID2 (AA: 1-134) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	15kDa

Background

The protein encoded by this gene belongs to the inhibitor of DNA binding family, members of which are transcriptional

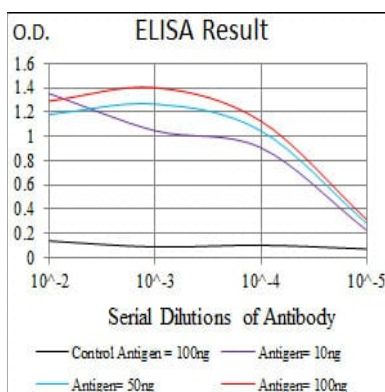
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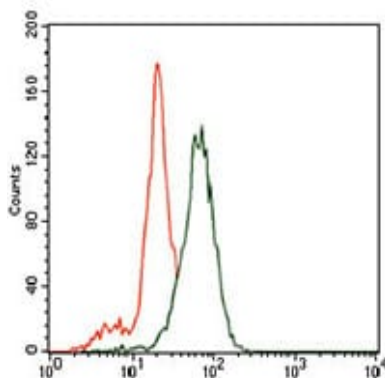
regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. Members of the inhibitor of DNA binding family inhibit the functions of basic helix-loop-helix transcription factors in a dominant-negative manner by suppressing their heterodimerization partners through the HLH domains.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

Research Area

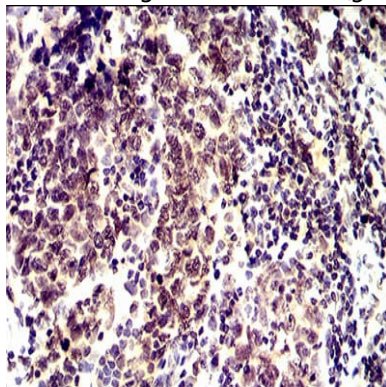
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



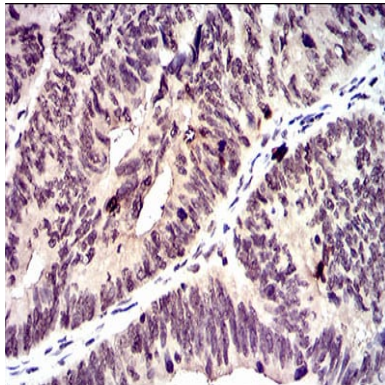
Flow cytometric analysis of SK-N-SH cells using ID2 mouse mAb (green) and negative control (purple).



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Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using ID2 mouse mAb with DAB staining.



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

Note

For research use only.