

Datasheet for ABIN931106
anti-Id2 antibody



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2 Images

Overview

Quantity:	100 µg
Target:	Id2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Id2 antibody is un-conjugated
Application:	Dot Blot (DB), Immunocytochemistry (ICC)

Product Details

Immunogen:	ID2 antibody was raised in mouse using recombinant Human Inhibitor Of Dna Binding 2, Dominant Negative Helix-Loop-Helix Protein (Id2)
Clone:	2457C5a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	Id2
Alternative Name:	ID2 (Id2 Products)

Target Details

Background: The protein encoded by this gene belongs to the inhibitor of DNA binding (ID) family, members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. Members of the ID 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 has been identified for this gene. Synonyms: Monoclonal ID2 antibody, Anti-ID2 antibody, inhibitor of DNA binding 2 dominant negative helix-loop-helix protein antibody, GIG8 antibody, ID2A antibody, ID2H antibody, MGC26389 antibody.

Application Details

Application Notes: ICC: 2-100 µg/mL
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: ID2 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

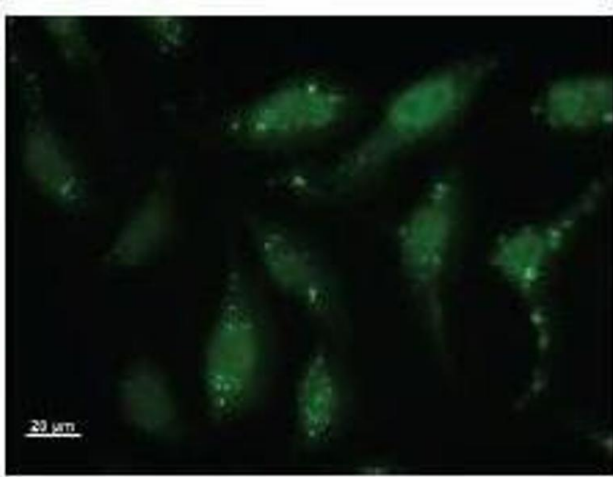
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

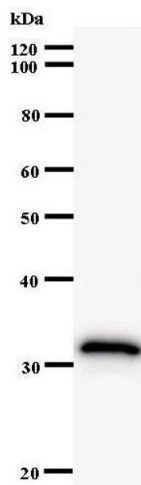
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Immunofluorescence

Image 1. Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.01% Triton-X100 in PBS. The cells were immunostained with anti-ID2 antibody.



Western Blotting

Image 2.