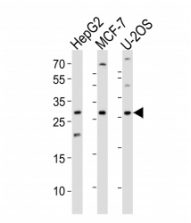
ID1 Antibody / Inhibitor of DNA binding 1 (F41649)

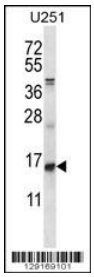
Catalog No.	Formulation	Size
F41649-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41649-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

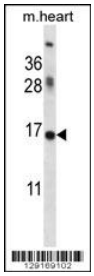
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P41134
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Immunofluorescence: 1:10-1:50 Flow Cytometry: 1:10-1:50
Limitations	This ID1 antibody is available for research use only.



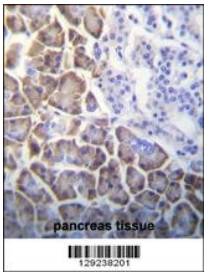
Western blot analysis of lysate from HepG2, MCF-7, U-2OS cell line (left to right) using ID1 / Inhibitor of DNA binding 1 antibody; Ab was diluted at 1:1000 for each lane.



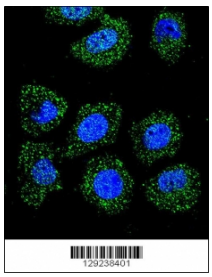
ID1 / Inhibitor of DNA binding 1 antibody western blot analysis in U251 lysate



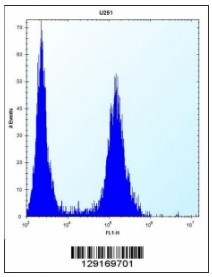
ID1 / Inhibitor of DNA binding 1 antibody western blot analysis in mouse heart tissue lysate



ID1 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue.



Confocal immunofluorescent analysis of ID1 / Inhibitor of DNA binding 1 antibody with U-251MG cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used as a nuclear counterstain (blue).



ID1 / Inhibitor of DNA binding 1 antibody flow cytometric analysis of U251 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

Inhibitor of DNA binding 1 antibody detects a helix-loop-helix (HLH) protein that can form heterodimers with members of the basic HLH family of transcription factors. The encoded protein has no DNA binding activity and therefore can inhibit the DNA binding and transcriptional activation ability of basic HLH proteins with which it interacts. This protein may play a role in cell growth, senescence, and differentiation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

For a Protein Microarray Validated monoclonal targeting ID1, see our ID1 Antibody PCRP-ID1-2F11 / DNA Binding Protein Inhibitor ID-1 Antibody page.

Application Notes

Titration of the ID1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 66-93 from human Inhibitor of DNA binding 1 was used as the immunogen for this ID1 antibody.

Storage

Aliquot the ID1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

Inhibitor of DNA binding 1 antibody

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