

Anti-Id4 Antibody

Catalog Number: A03975-1

About ID4

ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding.

Rigolet M., DNA Res. 5:309-313(1998).

Pagliuca A., Genomics 27:200-203(1995).

Mungall A.J., Nature 425:805-811(2003).

Overview

Product Name	Anti-Id4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Id4 Antibody catalog # A03975-1. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P47928

Technical Details

Immunogen	Synthesized peptide derived from human Id4
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:20000

Anti-Id4 Antibody (A03975-1) Images

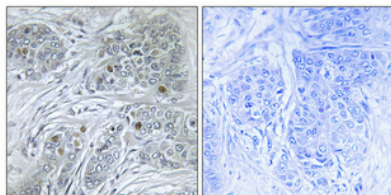


Figure 2. Immunohistochemistry validation of ID4 using Anti-Id4 Antibody (A03975-1).

Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°C

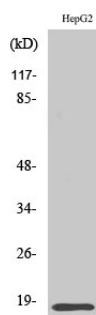


Figure 1. Western blotting validation for Anti-Id4 Antibody A03975-1

Western Blot (WB) analysis of hepG2 cells using Id4 polyclonal antibody diluted at 1:500. 15ug loaded per lane. Transfer for 90min at 150mA
Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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