



[Go to Product page](#)

Datasheet for ABIN6943766
anti-ID1 antibody

Overview

Quantity:	100 µL
Target:	ID1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ID1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	Full length protein
Clone:	5F1
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	ID1
Alternative Name:	Id1 (ID1 Products)

Target Details

Background: Synonyms: DNA-binding protein inhibitor ID-1, Class B basic helix-loop-helix protein 24, Inhibitor of DNA binding 1, Inhibitor of differentiation 1, bHLHb24, ID1, BHLHB24, ID

Background: Transcriptional regulator (lacking a basic DNA binding domain) which negatively regulates the basic helix-loop-helix (bHLH) transcription factors by forming heterodimers and inhibiting their DNA binding and transcriptional activity. Implicated in regulating a variety of cellular processes, including cellular growth, senescence, differentiation, apoptosis, angiogenesis, and neoplastic transformation. Inhibits skeletal muscle and cardiac myocyte differentiation. Regulates the circadian clock by repressing the transcriptional activator activity of the CLOCK-ARNTL/BMAL1 heterodimer.

Gene ID: 3397

UniProt: [P41134](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IHC-P 1:200-400
IF(IHC-P) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months
