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Datasheet for ABIN516796
anti-Id2 antibody (AA 1-134)

4 Images

1 Publication

Overview

Quantity:	100 µg
Target:	Id2
Binding Specificity:	AA 1-134
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Id2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant ID2.
Immunogen:	ID2 (AAH30639, 1 a.a. ~ 134 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MKAFSPVRSV RKNLSLDHSL GISRSKTPVD DPMSLLYNMN DCYSKCLKELV PSIPQNKKVS KMEILQHVID YILDQLIALD SHPTIVSLHH QRPQGNQASR TPLTTLNTDI SILSLQASEF PSELMSNDSK ALCG
Clone:	2C11
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Id2
Alternative Name:	ID2 (Id2 Products)
Background:	Full Gene Name: inhibitor of DNA binding 2, dominant negative helix-loop-helix protein Synonyms: GIG8,ID2A,ID2H,MGC26389,bHLHb26
Gene ID:	3398

Application Details

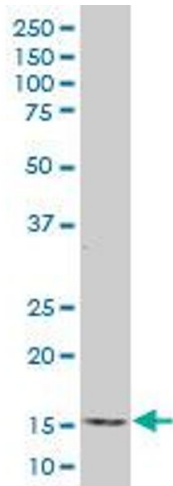
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

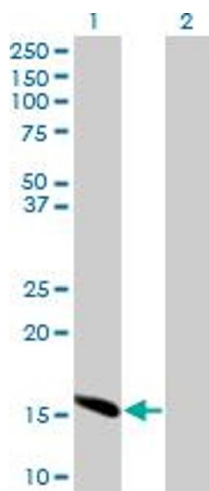
Publications

Product cited in:	Ward, Fernando, Hou, Duffield: "The transcriptional repressor ID2 can interact with the canonical clock components CLOCK and BMAL1 and mediate inhibitory effects on mPer1 expression." in: The Journal of biological chemistry , Vol. 285, Issue 50, pp. 38987-9000, (2010) (PubMed).
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Western Blotting

Image 1. ID2 monoclonal antibody (M04), clone 2C11
Western Blot analysis of ID2 expression in HeLa .

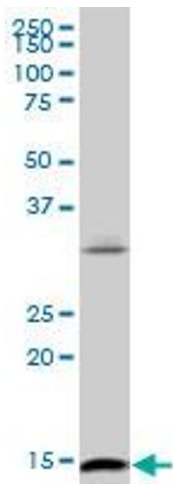


Western Blotting

Image 2. Western Blot analysis of ID2 expression in transfected 293T cell line by ID2 monoclonal antibody (M04), clone 2C11.

Lane 1: ID2 transfected lysate(14.9 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. ID2 monoclonal antibody (M04), clone 2C11.
Western Blot analysis of ID2 expression in HepG2 .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN516796.