Datasheet for ABIN6972352

anti-CHD4 antibody

1 Image

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Overview

Quantity:	100 µg
Target:	CHD4
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CHD4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mi-2 beta antibody was raised against a synthetic peptide derived from human Mi-2B.
Clone:	3F2-4
Isotype:	IgG
Characteristics:	Mi-2b (Mi-2beta, CHD4, chromodomain helicase DNA-binding protein 4) represents the major Mi-2 isoform present in the complex Mi-2/NuRD. This complex is a multi-subunit protein complex containing both histone deacetylase and nucleosome-dependent ATPase subunits. Current models predict that this complex functions primarily in transcriptional repression. In addition to the ATPase domain, Mi-2 beta contains a chromodomain and two PHD domains. Mi-2 beta interacts with BRG-1, a component of the SWI/SNF complex, and the RET finger protein (RFP). Mi-2 beta antibody (mAb) (Clone 3F2/4) was raised in a Mouse host. It has been validated for use in Western blot, it has been shown to react with Human and Mouse samples.
Purification:	Protein G Chromatography

Target Details

Target:	CHD4
Alternative Name:	Mi-2 beta (CHD4 Products)
Molecular Weight:	240 kDa
NCBI Accession:	NP_001264

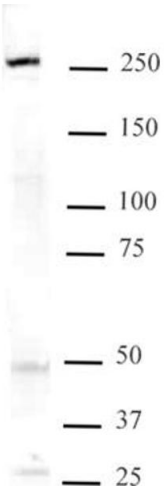
Application Details

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

Handling

Buffer:	Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

Images



Western Blotting

Image 1. Mi-2 beta pAb tested by Western blot. Nuclear extract of Jurkat cells stained with Mi-2 beta mAb at a dilution of 2 µg/mL.