

Datasheet for ABIN967286

anti-MED23 antibody[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity:	0.1 mg
Target:	MED23
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MED23 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Brand:	BD Pharmingen™
Immunogen:	Human Sur-2 synthetic peptide
Clone:	D27-1805
Isotype:	IgG1 kappa
Characteristics:	<ol style="list-style-type: none">1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.2. Please refer to us for technical protocols.3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Target Details

Target:	MED23
Alternative Name:	Sur-2 (MED23 Products)
Background:	<p>SUR-2 (suppressor of ras) is a gene that was originally discovered in the vulval signaling pathway of the nematode <i>Caenorhabditis elegans</i>. Genetic studies suggest that the product of the SUR-2 gene encodes a protein Sur-2, that acts downstream of the Raf/Map kinase pathway. The human homolog of SUR-2 (hSUR-2) was shown to interact with the E1A zinc finger domain from adenovirus. The adenovirus E1A protein can bind to a number of cellular proteins to alter cell cycle progression. E1A exerts this change in the cell cycle by interacting with the transcriptional machinery of the cell. In vitro studies indicate that Sur-2 interacts with the E1A zinc finger protein and the Srb/Mediator transcriptional multiprotein complex. These studies suggest that Sur-2 may play a role as a bridge between E1A and the Srb/Mediator multiprotein complex. However, the roles of Sur-2 in regulating the transcriptional activity of the Srb/Mediator complex and E1A remain to be fully elucidated. Sur-2 has been reported to migrate in SDS/PAGE at 150 kDa2, but our studies indicate that it migrates at approximately 140 kDa. The antibody recognizes human Sur-2. A synthetic peptide corresponding to the N-terminus region of human Sur-2 (METQLQSIFEEVVKTEVIEC) was used as immunogen.</p>
Molecular Weight:	140 kDa
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Applications include western blot analysis (0.2-5.0 µg/ml). HeLa nuclear extracts are recommended as a positive control.
Comment:	Related Products: ABIN967389
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Aqueous buffered solution containing ≤0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store undiluted at 4°C.

Publications

Product cited in:	<p>Blobel: "CREB-binding protein and p300: molecular integrators of hematopoietic transcription." in: Blood, Vol. 95, Issue 3, pp. 745-55, (2000) (PubMed).</p> <p>Boyer, Martin, Lees, Ricciardi, Berk: "Mammalian Srb/Mediator complex is targeted by adenovirus E1A protein." in: Nature, Vol. 399, Issue 6733, pp. 276-9, (1999) (PubMed).</p> <p>Singh, Han: "sur-2, a novel gene, functions late in the let-60 ras-mediated signaling pathway during Caenorhabditis elegans vulval induction." in: Genes & development, Vol. 9, Issue 18, pp. 2251-65, (1995) (PubMed).</p>
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Images



Western Blotting

Image 1. Western blot analysis of Sur-2. HeLa nuclear extracts were probed with anti-Sur-2 (clone D27-1805, ABIN967286) at concentrations of 5.0 µg/ml (lane 1), 1.0 µg/ml (lane 2), and 0.2µg/ml (lane 3). Sur-2 is detected at ~140 kDa.