

Nur für Forschungszwecke

# BDH2 Monoklonaler Antikörper

Katalog-Nr.:68279-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 68279-1-Ig	<b>GenBank-Zugangsnummer:</b> BC095414	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1000 µg/ml von56898 Nanodrop;	<b>GeneID (NCBI):</b> 56898	<b>CloneNo.:</b> 1B6H5
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> 3-hydroxybutyrate dehydrogenase, type 2	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000
<b>Isotyp:</b> IgG1	<b>Beobachtete Masse:</b> 27 kDa	
<b>Immunogen Katalognummer:</b> AG26108		

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB : BxPC-3-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

Cytosolic type 2-hydroxybutyrate dehydrogenase, BDH2, originally named DHRS6, plays a physiological role in the cytosolic utilization of ketone bodies, which can subsequently enter mitochondria and the tricarboxylic acid cycle (PMID: 16380372). Moreover, BDH2 catalyzes the production of 2, 3-DHBA during enterobactin biosynthesis and participates in 24p3 (LCN2)-mediated iron transport and apoptosis (PMID: 23150981). It has 3 isoforms with molecular weights of 27, 19, and 16 kDa.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

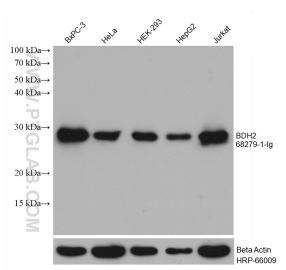
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## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 68279-1-Ig (BDH2 antibody) at dilution of 1:10000 and incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.