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Datasheet for ABIN561418
anti-IDH2 antibody (AA 354-451)

4 Images

1 Publication

Overview

Quantity:	100 µg
Target:	IDH2
Binding Specificity:	AA 354-451
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IDH2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant IDH2.
Immunogen:	IDH2 (NP_002159, 354 a.a. ~ 451 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	HYREHQKGRP TSTNPIASIF AWTRGLEHRG KLDGNQDLIR FAQMLEKVCV ETVESGAMTK DLAGCIHGLS NVKLNEHFLN TTDFLDTIKS NLDRALGR
Clone:	5F11
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	IDH2
Alternative Name:	IDH2 (IDH2 Products)
Background:	Full Gene Name: isocitrate dehydrogenase 2 (NADP+), mitochondrial Synonyms: ICD-M, IDH, IDHM, IDP, IDPM, mNADP-IDH
Gene ID:	3418
NCBI Accession:	NM_002168
Pathways:	Warburg Effect

Application Details

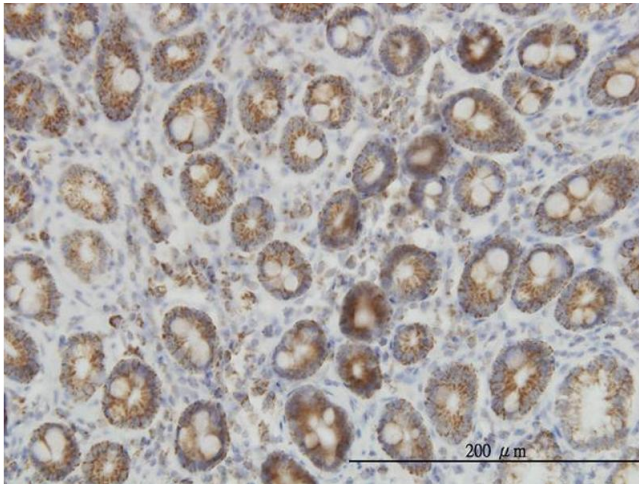
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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.

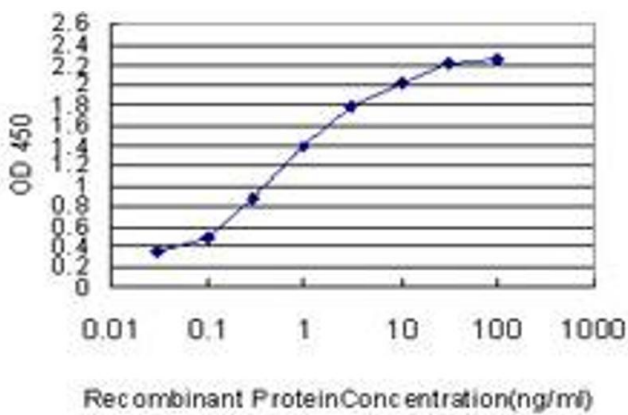
Publications

Product cited in:	Gambichler, Terras, Kreuter, Skrygan: "Altered global methylation and hydroxymethylation status in vulvar lichen sclerosus: further support for epigenetic mechanisms." in: The British journal of dermatology , Vol. 170, Issue 3, pp. 687-93, (2014) (PubMed).
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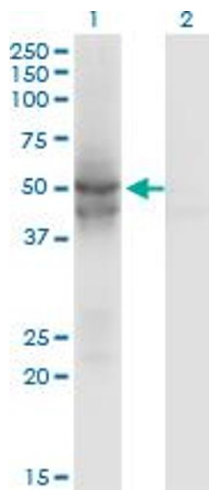
Immunostaining

Image 1. Immunoperoxidase of monoclonal antibody to IDH2 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



ELISA

Image 2. Detection limit for recombinant GST tagged IDH2 is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot analysis of IDH2 expression in transfected 293T cell line by IDH2 monoclonal antibody (M01), clone 5F11.

Lane 1: IDH2 transfected lysate(50.9 KDa).

Lane 2: Non-transfected lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN561418.