

Datasheet for ABIN7162334
anti-OTUD5 antibody (AA 51-183)

3 Images

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Overview

Quantity:	100 µg
Target:	OTUD5
Binding Specificity:	AA 51-183
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OTUD5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human OTU domain-containing protein 5 protein (51-183AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	OTUD5
Alternative Name:	OTUD5 (OTUD5 Products)
Background:	Background: Deubiquitinating enzyme that functions as negative regulator of the innate immune system. Acts via TRAF3 deubiquitination and subsequent suppression of type I

Target Details

interferon (IFN) production. Has peptidase activity towards \\Lys-48\\'- and \\Lys-63\\'-linked polyubiquitin chains. Can also cleave \\Lys-11\\'-linked ubiquitin chains (in vitro).
Aliases: Deubiquinating enzyme A antibody, Deubiquitinating enzyme A antibody, DKFZp761A052 antibody, DUBA antibody, MGC104871 antibody, OTTHUMP00000025821 antibody, OTU domain containing 5 antibody, OTU domain containing protein 5 antibody, OTU domain-containing protein 5 antibody, OTUD 5 antibody, otud5 antibody, OTUD5_HUMAN antibody

UniProt: [Q96G74](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

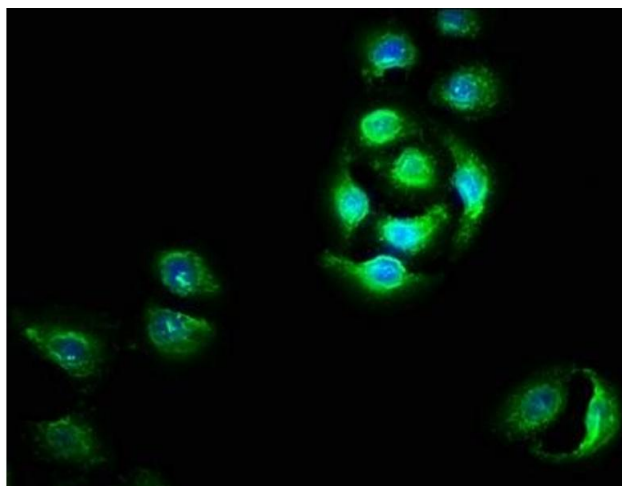
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

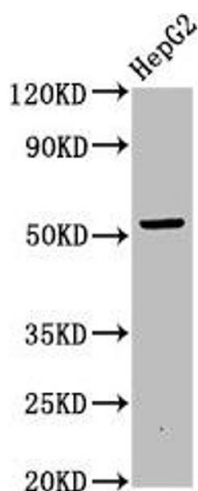
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



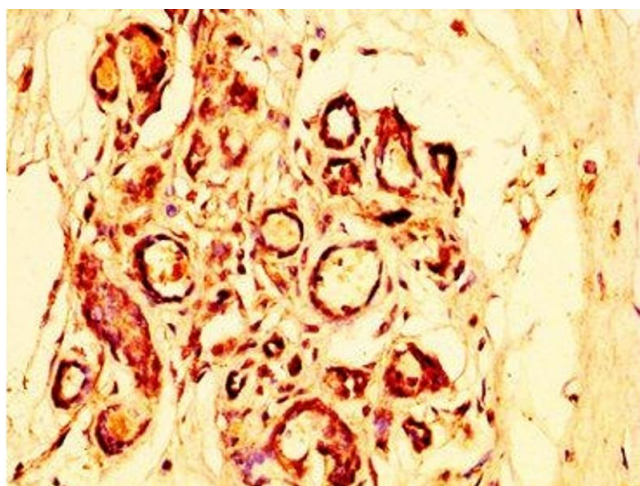
Immunofluorescence

Image 1. Immunofluorescence staining of A549 cells with ABIN7162334 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: HepG2 whole cell lysate All lanes: OTUD5 antibody at 6.75 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 61, 59, 60, 40 kDa Observed band size: 59 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7162334 diluted at 1:300 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.