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# Datasheet for ABIN6256842 anti-MRGPRD antibody (C-Term)

2 Images



#### Overview

Quantity:	100 µL
Target:	MRGPRD
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRGPRD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	A synthesized peptide derived from human MRGRD, corresponding to a region within C-terminal amino acids.
lsotype:	lgG
Specificity:	MRGRD Antibody detects endogenous levels of total MRGRD.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

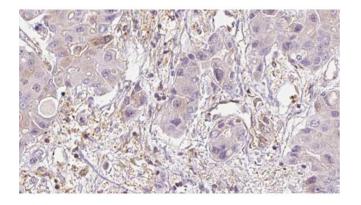
## Target Details

Target:	MRGPRD
Alternative Name:	MRGPRD (MRGPRD Products)

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Target Details		
Background:	Description: May regulate nociceptor function and/or development, including the sensation or modulation of pain. Functions as a specific membrane receptor for beta-alanine. Beta-alanine at micromolar doses specifically evoked Ca2+ influx in cells expressing the receptor. Beta- alanine decreases forskolin-stimulated cAMP production in cells expressing the receptor, suggesting that the receptor couples with G-protein G(q) and G(i). Gene: MRGPRD	
Molecular Weight:	41 kDa,10 % SDS-PAGE	
Gene ID:	116512	
UniProt:	Q8TDS7	
Application Details		
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.	
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	
Expiry Date:	12 months	

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#### Immunohistochemistry

**Image 1.** ABIN6273950 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

#### Western Blotting

**Image 2.** Western blot analysis of MRGRD expression in A431 whole cell lysate ,The lane on the left is treated with the antigen-specific peptide.

