

For Research Use Only

# DEFB1 Polyclonal antibody

Catalog Number: 14738-1-AP **4 Publications**



## Basic Information

**Catalog Number:** 14738-1-AP  
**Size:** 150ul, Concentration: 200 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;  
**Source:** Rabbit  
**Isotype:** IgG  
**Immunogen Catalog Number:** AG6406

**GenBank Accession Number:** BC047677  
**GeneID (NCBI):** 1672  
**UNIPROT ID:** P60022  
**Full Name:** defensin, beta 1  
**Calculated MW:** 7 kDa

**Purification Method:** Antigen affinity purification  
**Recommended Dilutions:** IHC 1:50-1:500

## Applications

**Tested Applications:** IHC, ELISA  
**Cited Applications:** WB, IHC, ELISA  
**Species Specificity:** human  
**Cited Species:** human, mouse

**Positive Controls:**  
IHC : human colon cancer tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Notable Publications

Author	Pubmed ID	Journal	Application
Meenu Srivastava	31643029	Indian J Gastroenterol	WB
Yue-Ming Ling	29042578	Sci Rep	IHC
Meenu Srivastava	34589365	Cureus	WB

## Storage

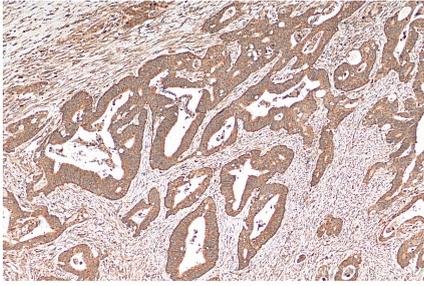
**Storage:** Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:** PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

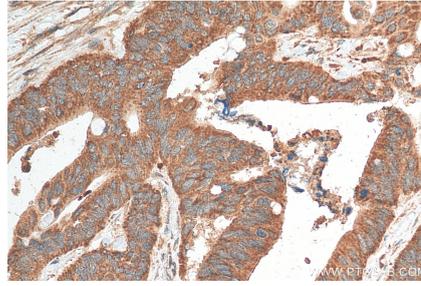
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14738-1-AP (DEFB1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14738-1-AP (DEFB1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).