

For Research Use Only

# DMBT1 Polyclonal antibody

Catalog Number: 27069-1-AP



## Basic Information

Catalog Number:

27069-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16229

GenBank Accession Number:

BC153299

GeneID (NCBI):

1755

UNIPROT ID:

Q9UGM3

Full Name:

deleted in malignant brain tumors 1

Calculated MW:

2413 aa, 261 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

IF-P 1:50-1:500

## Applications

Tested Applications:

IHC, IF-P, ELISA

Species Specificity:

human

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

Positive Controls:

IHC : human stomach cancer tissue, human kidney tissue

IF-P : human brain tissue,

## Background Information

Deleted in malignant brain tumors 1 (DMBT1), also known as the salivary scavenger and agglutinin (SALSA), salivary agglutinin (SAG) or gp340, is a multifunctional molecule with important functions in innate immunity, inflammation and epithelial homeostasis (PMID: 28668353). DMBT1 has some isoforms with the molecular weight of 193, 260 and 340 kDa.

## 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

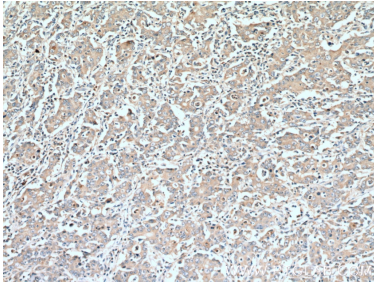
For technical support and original validation data for this product please contact:

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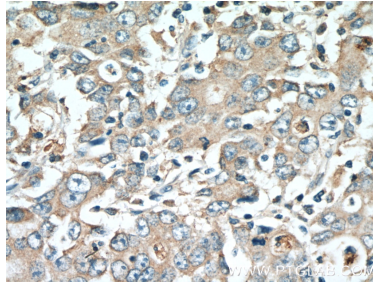
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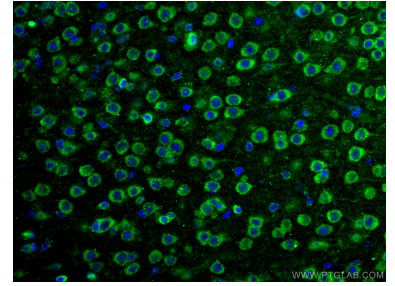
## Selected Validation Data



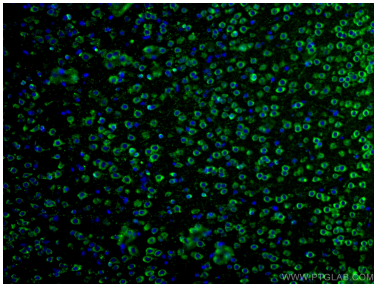
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 27069-1-AP (DMBT1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 27069-1-AP (DMBT1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human brain tissue using DMBT1 antibody (27069-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human brain tissue using DMBT1 antibody (27069-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).