

# DMBT1 Polyclonal antibody

Catalog Number: 27069-1-AP

## Basic Information

<b>Catalog Number:</b> 27069-1-AP	<b>GenBank Accession Number:</b> BC153299	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 200 µg/ml	<b>GeneID (NCBI):</b> 1755	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UGM3	
<b>Isotype:</b> IgG	<b>Full Name:</b> deleted in malignant brain tumors 1	
<b>Immunogen Catalog Number:</b> AG16229	<b>Calculated MW:</b> 2413 aa, 261 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>IHC</b> : human stomach cancer tissue, human kidney tissue
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IF</b> : human brain tissue,

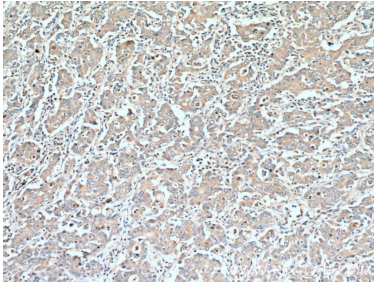
## Background Information

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.

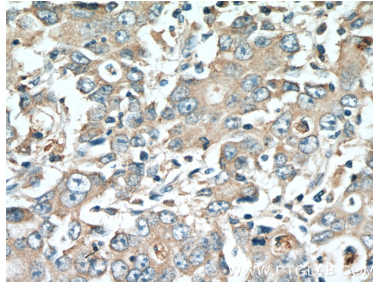
## Storage

**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

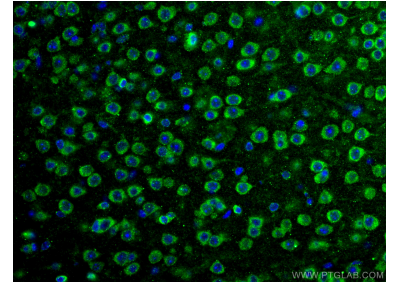
## Selected Validation Data



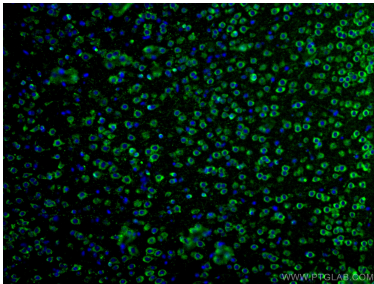
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 27069-1-AP (DMBT1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).