

# DMBT1 Polyclonal Antibody

Catalog Number:E-AB-40467

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

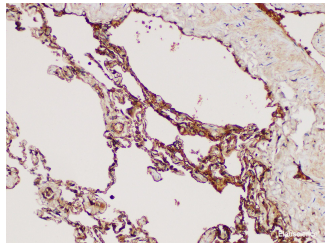
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant Human Deleted in malignant brain tumors 1 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.

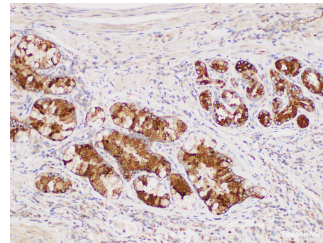
## Applications Recommended Dilution

<b>IHC</b>	1:200-1:500
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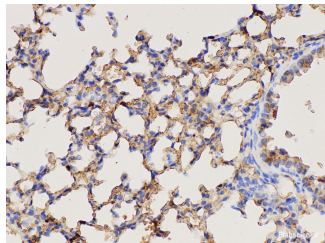
## Data



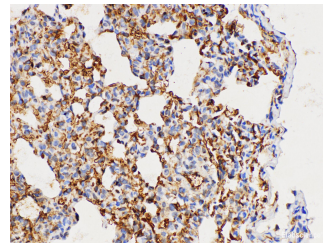
Immunohistochemistry of paraffin-embedded Human lung using DMBT1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry of paraffin-embedded Human duodenal cancer using DMBT1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry of paraffin-embedded Mouse lung using DMBT1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry of paraffin-embedded Rat lung using DMBT1 Polyclonal Antibody at dilution of 1:300.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Loss of sequences from human chromosome 10q has been associated with the progression of human cancers. The gene DMBT1 was originally isolated based on its deletion in a medulloblastoma cell line. DMBT1 is expressed with transcripts of 6.0, 7.5, and 8.0 kb in fetal lung and with one transcript of 8.0 kb in adult lung, although the 7.5 kb transcript has not been characterized. The DMBT1 protein is a glycoprotein containing multiple scavenger receptor cysteine-rich (SRCR) domains separated by SRCR-interspersed domains (SID). Transcript variant 2 (8.0 kb) has been shown to bind surfactant

## For Research Use Only

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protein D independently of carbohydrate recognition. This indicates that DMBT1 may not be a classical tumor suppressor gene, but rather play a role in the interaction of tumor cells and the immune system.

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