

## Anti-EPSTI1 antibody

<b>Cat. No.</b>	ml263795
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-EPSTI1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human EPSTI1
<b>Reactivity</b>	Human
<b>Content</b>	0.54 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	EPSTI1
<b>Full name</b>	epithelial stromal interaction 1

**Synonyms** BRESI1

**Swissprot** Q96J88

### **Target Background**

The protein encoded by this gene has been shown to promote tumor invasion and metastasis in some invasive cancer cells when overexpressed. Expression of this gene has been shown to be upregulated by direct binding of the Kruppel like factor 8 protein to promoter sequences. The translated protein interacts with the amino terminal region of the valosin containing protein gene product, resulting in the nuclear translocation of the nuclear factor kappa B subunit 1 gene product, and activation of target genes. Overexpression of this gene has been observed in some breast cancers and in some individuals with systemic lupus erythematosus (SLE).

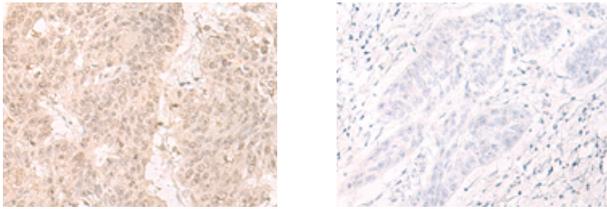
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 30-150

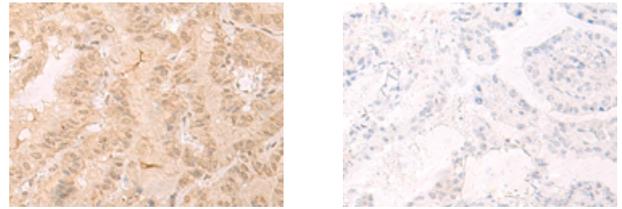


The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml263795(EPSTI1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml263795(EPSTI1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 37 kDa

Positive control: Human spleen tissue lysate

Recommended dilution: 200-1000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

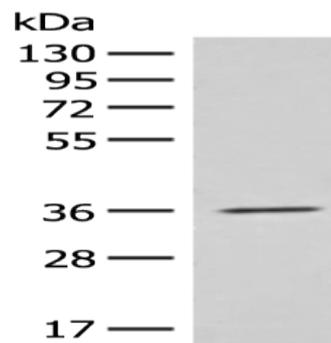
Lysate: 40  $\mu$ g

Lane: Human spleen tissue lysate

Primary antibody: ml263795(EPST11 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 minutes



#### ELISA

Recommended dilution: 5000-10000

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