

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07412 - Goat Anti-Septin 1 / SEPT1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SEPT1, septin 1, DIFF6, LARP, MGC20394, PNUTL3, SEP1, differentiation 6 (deoxyguanosine triphosphate triphosphohydrolase), serologically defined breast cancer antigen NY-BR-24

**Official Symbol:** SEPT1

**Accession Number(s):** NP\_443070.6

**Human GeneID(s):** [1731](#)

**Non-Human GeneID(s):** 54204 (mouse), 293507 (rat)

### Immunogen

Peptide with sequence C-GARDRASRSKLSRQ, from the internal region of the protein sequence according to NP\_443070.6.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

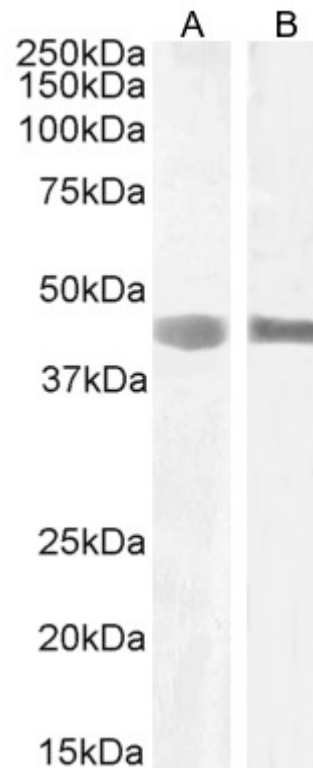
**Western blot:** Approx 42-45kDa band observed in lysates of cell lines HEK293 and MOLT-4 (calculated MW of 42.4kDa according to NP\_443070.6). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour. at room temperature.

**IHC:** Paraffin embedded Human Spleen. Recommended concentration: 6-8µg/ml.

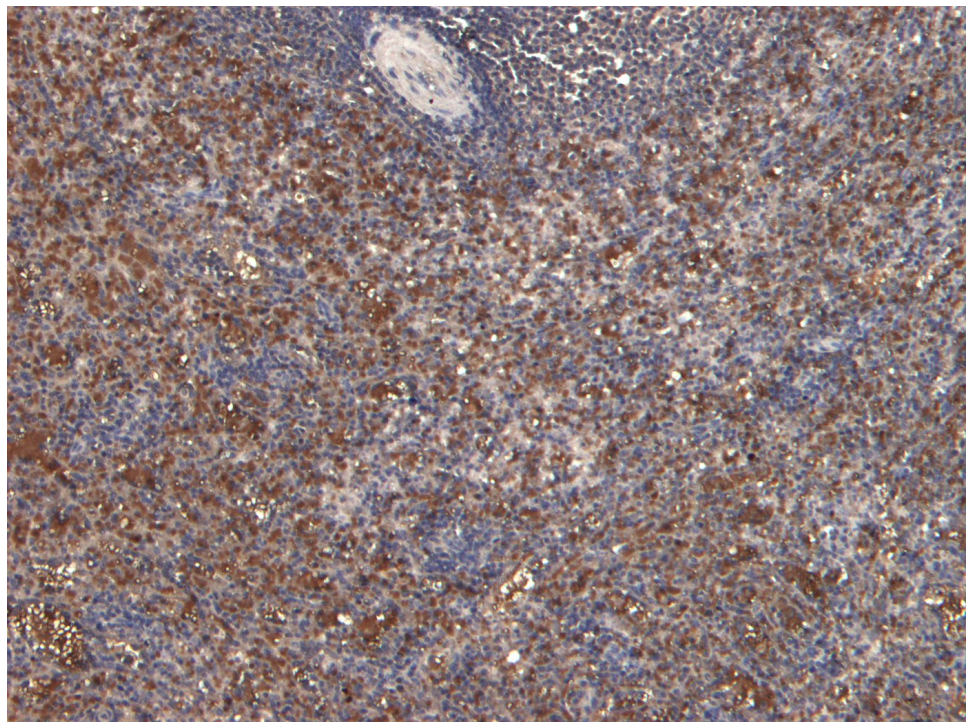
### Species Reactivity

**Tested:** Human

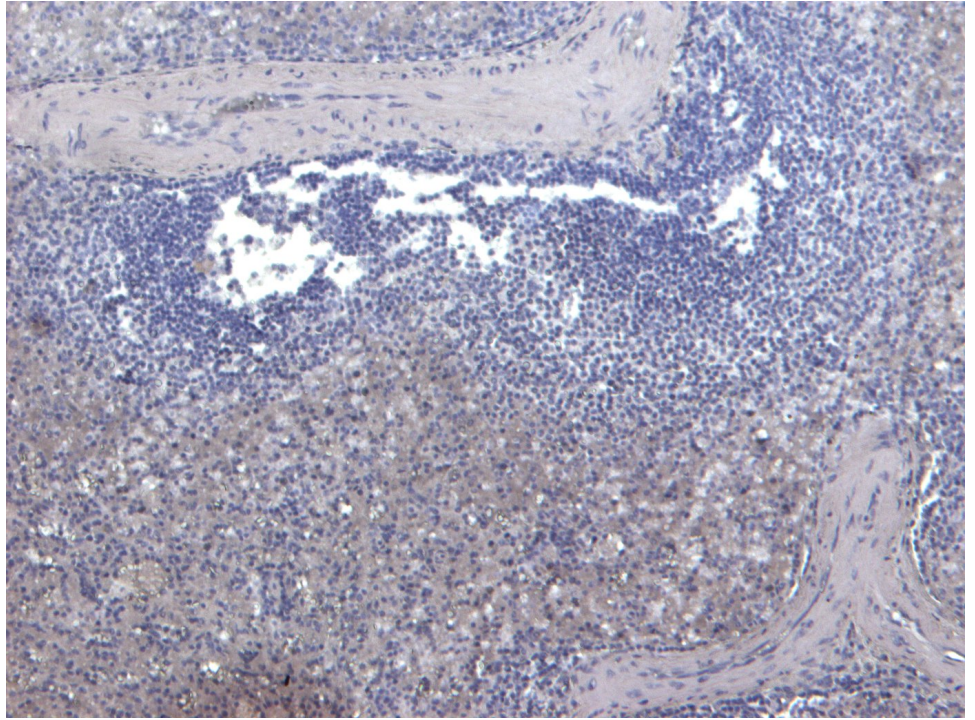
**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB07412 (1 $\mu$ g/ml) staining of HEK293 (A) and (2 $\mu$ g/ml) MOLT-4 (B) cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence



EB07412 (6 $\mu$ g/ml) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB07412 Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.