



## International Office

### Everest Biotech Ltd

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

## EB05163 - Goat Anti-MTA1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MTA1, metastasis associated 1, metastasis associated gene 1, metastasis associated gene 1 protein, metastasis associated protein

**Official Symbol:** MTA1

**Accession Number(s):** AAA78935.1

**Human GeneID(s):** [9112](#)

**Important Comments:** Immunizing peptide was designed based on NP\_004680.1. The version changed to NP\_004680.2 and no longer matches with the peptide.

### Immunogen

Peptide with sequence C-PGDVFYMPKE, from the internal region (near the C Terminus) of the protein sequence according to AAA78935.1.

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 1:16000.

**Western blot:** Approx 75kDa band observed in Human Placenta lysates (calculated MW of 80.8kDa according to NP\_004680.1). Recommended concentration: 0.03-0.1µg/ml.

**IHC:** Paraffin embedded Human Testis and Adrenal Gland. Recommended concentration: 3.75µg/ml.

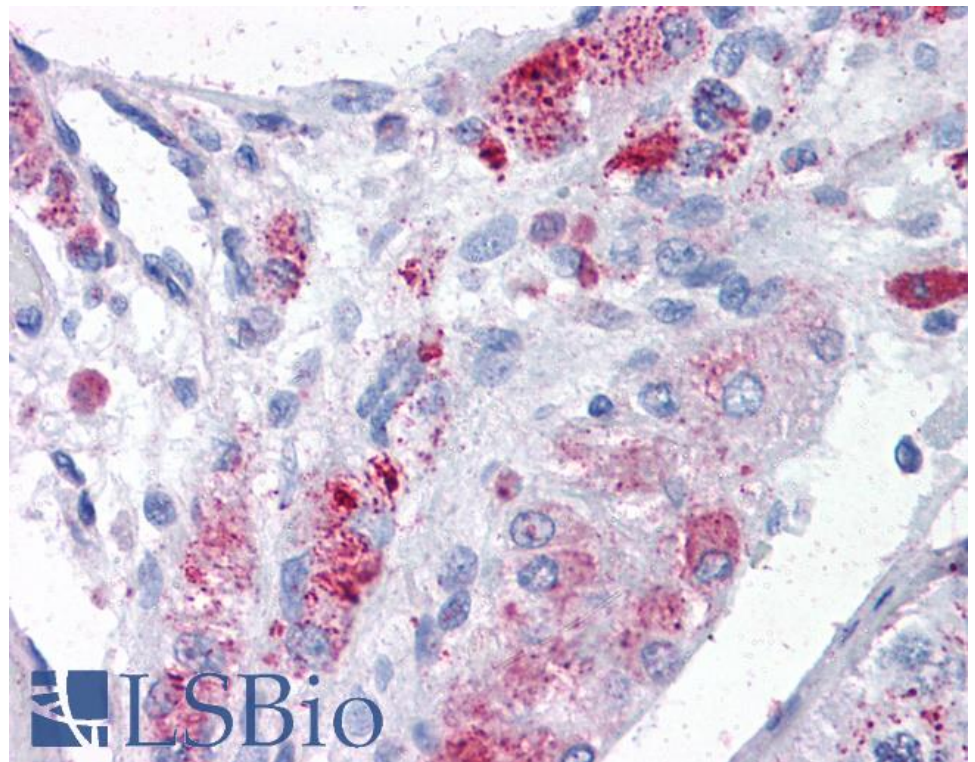
### Species Reactivity

**Tested:** Human

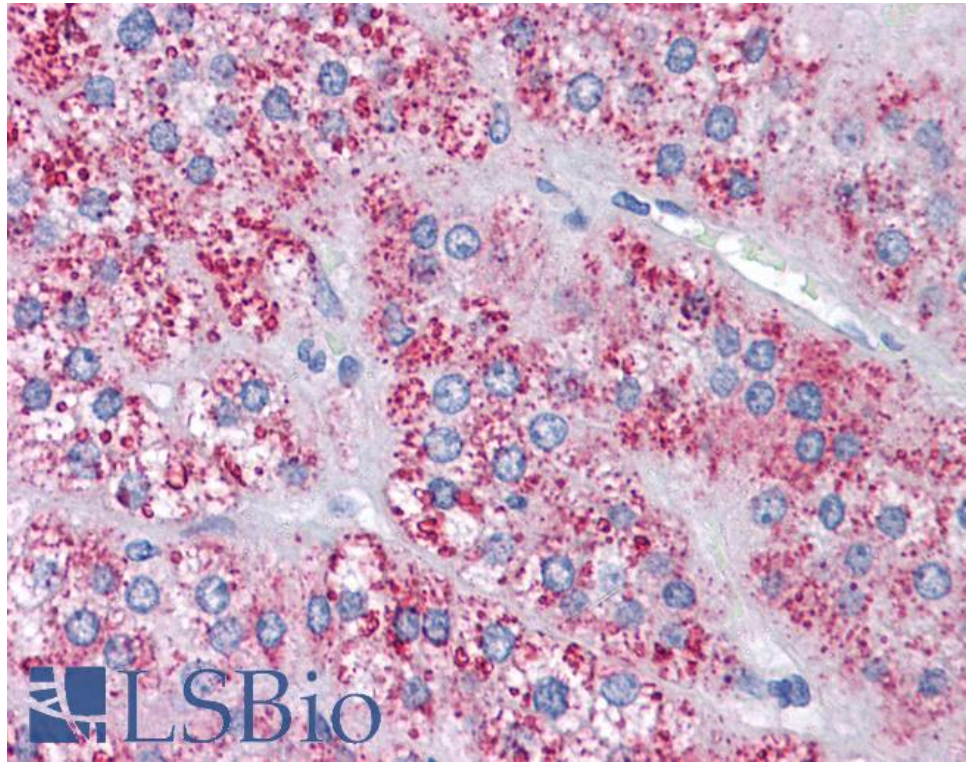
**Expected from sequence similarity:** Human

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

EB05163 staining (0.03 $\mu$ g/ml) of Human Placenta lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



EB05163 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05163 (3.75µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.