

#### **International Office**

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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.

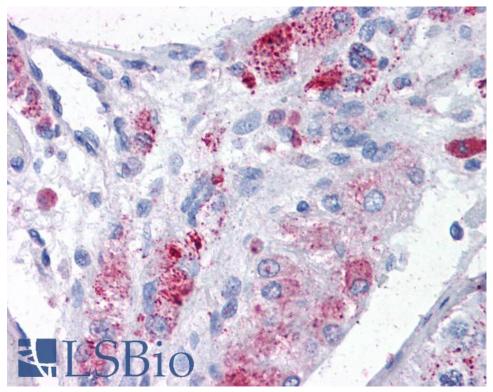
## **Species Reactivity**

Tested: Human

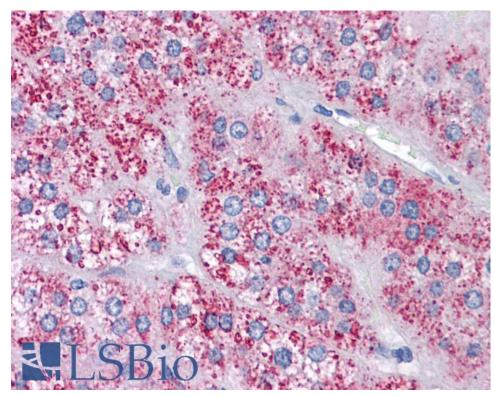
Expected from sequence similarity: Human

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

EB05163 staining (0.03μg/ml) of Human Placenta lysate (RIPA buffer, 35μg 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.