



## International Office

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

## EB12365 - Goat Anti-alpha-2-macroglobulin Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** A2M, alpha-2-macroglobulin, A2MD, CPAMD5, FWP007, S863-7, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5, alpha-2-M

**Official Symbol:** A2M

**Accession Number(s):** NP\_000005.2

**Human GeneID(s):** [2](#)

### Immunogen

Peptide with sequence C-TSLTVRVNYKDRSP, from the internal region of the protein sequence according to NP\_000005.2.

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 200kDa band observed in Human Albumin-depleted Serum lysates (calculated MW of 163kDa according to NP\_000005.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.5-2µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Placenta and Liver. Recommended concentration: 5µg/ml.

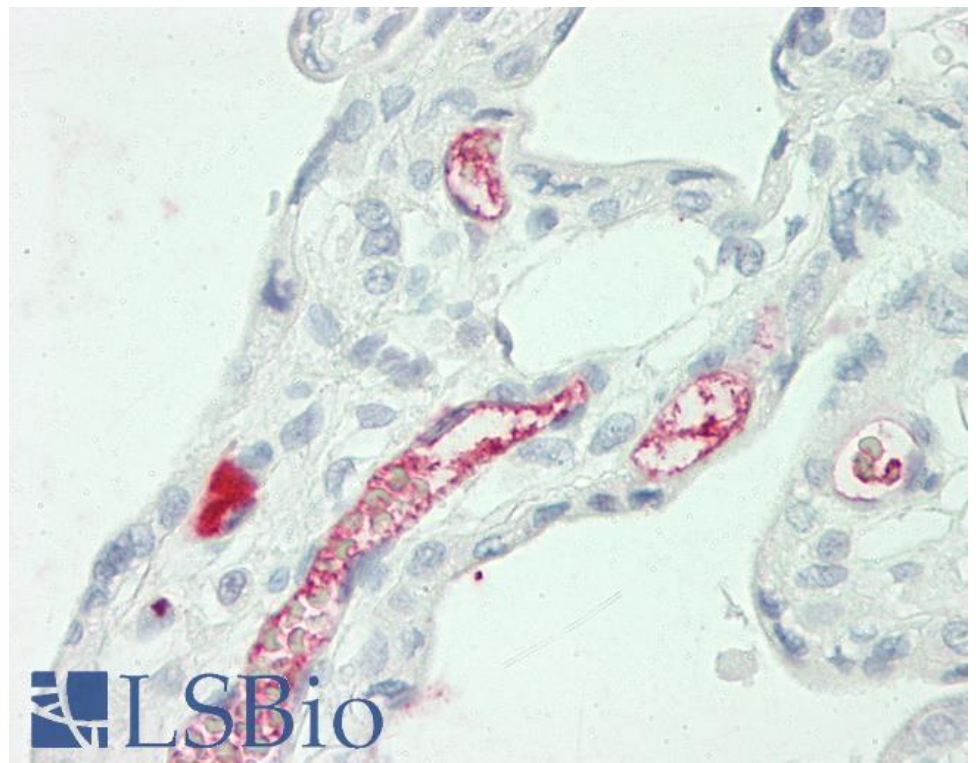
### Species Reactivity

**Tested:** Human

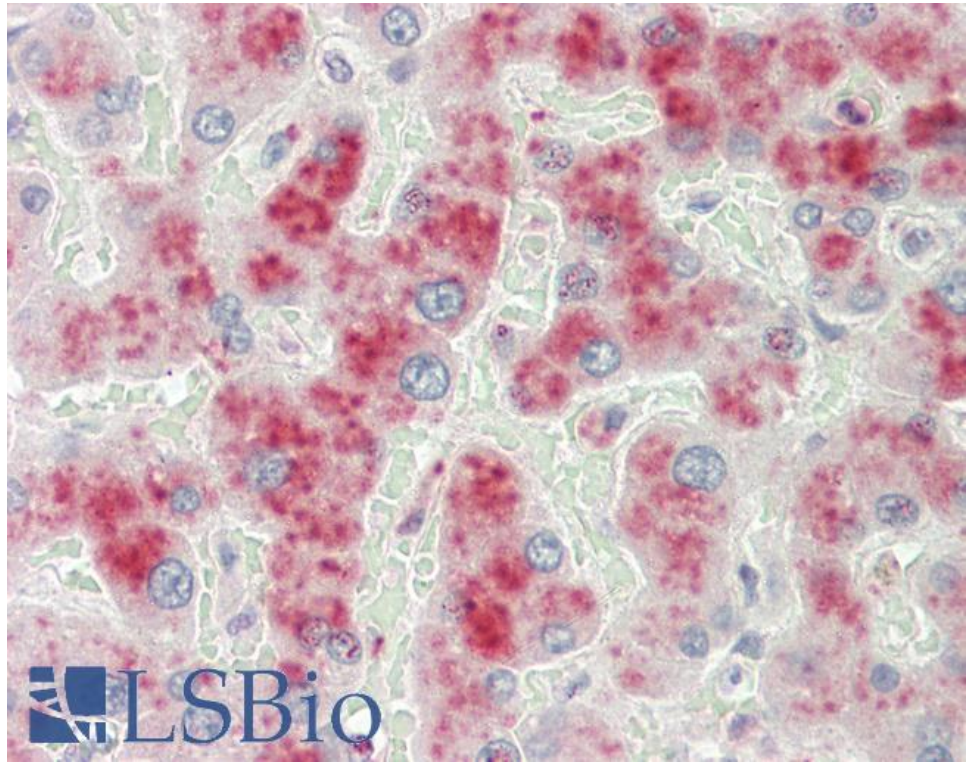
**Expected from sequence similarity:** Human



EB12365 (0.5µg/ml) staining of Human Albumin-depleted Serum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB12365 (5µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB12365 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.