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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 GenelD(s): <u>2</u>

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: $0.5-2\mu$ g/ml. Primary incubation was 1 hour.

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

Species Reactivity

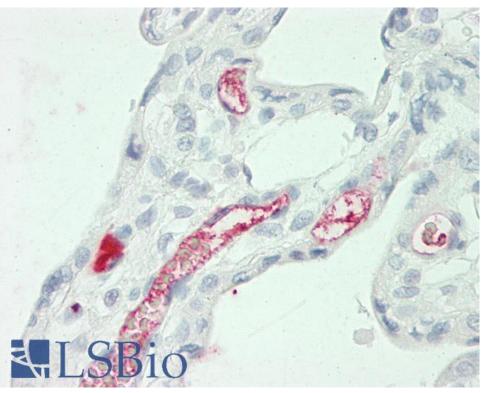
Tested: Human Expected from sequence similarity: Human



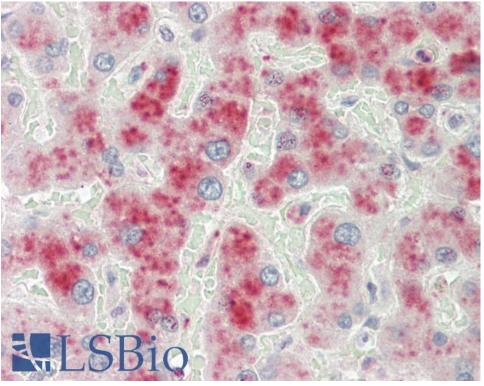
Auto-generated 18/04/2025



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.