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

EB09756 - Goat Anti-MLX Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MLX, MAX-like protein X, MAD7, MXD7, TCFL4, bHLHd13, BigMax protein, MAX-like bHLHZIP protein, transcription factor-like 4, transcription factor-like protein 4

Official Symbol: MLX

Accession Number(s): NP_937848.1; NP_937847.1; NP_733752.1

Human GeneID(s): [6945](#)

Non-Human GeneID(s): 21428 (mouse), 360631 (rat)

Important Comments: This antibody is expected to recognize all three reported isoforms (NP_937848.1; NP_937847.1; NP_733752.1).

Immunogen

Peptide with sequence C-QIVKAHQDNPHEGED, from the internal region of the protein sequence according to NP_937848.1; NP_937847.1; NP_733752.1.

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 1:128000.

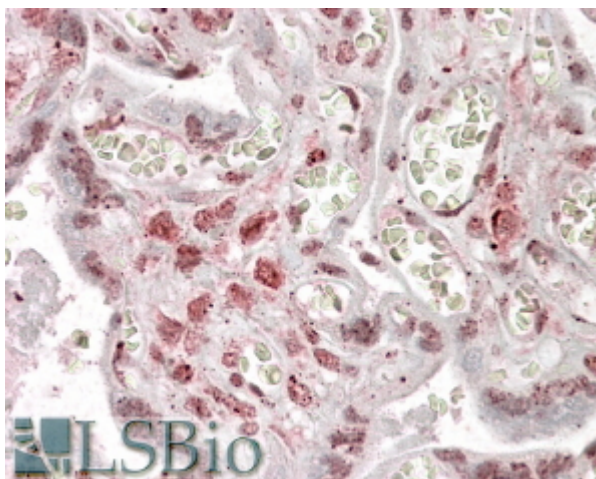
Western blot: Preliminary experiments in Human, Mouse and Rat Liver lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

IHC: In paraffin embedded Human Placenta shows nuclear staining of trophoblasts. Recommended concentration, 2.5-3.8µg/ml.

Species Reactivity

Tested: Human

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



EB09756 (3.8µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.