



## International Office

### Everest Biotech Ltd

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

## EB11574 - Goat Anti-LSM5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FLJ12710, LSM5, LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae), OTTHUMP00000123495, OTTHUMP00000202663, OTTHUMP00000202664, OTTHUMP00000202665, OTTHUMP00000202666, OTTHUMP00000202667, U6 snRNA-associated Sm-like protein LSM5, YER146W

**Official Symbol:** LSM5

**Accession Number(s):** NP\_036454.1

**Human GeneID(s):** [23658](#)

**Non-Human GeneID(s):** 66373 (mouse), 306222 (rat)

**Important Comments:** This antibody is expected to recognize isoform a (NP\_036454.1) only.

### Immunogen

Peptide with sequence KCIGSRIHIVMKSDK, from the internal region of the protein sequence according to NP\_036454.1.

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 1:8000.

**Western blot:** Preliminary experiments in lysates of cell lines HeLa and MCF7 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?

### Species Reactivity

**Tested:**

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