



## UK Office

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

## EB10903 - Goat Anti-APOBEC3D (aa61-74) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** APOBEC3D, apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3D, APOBEC3DE, APOBEC3E, ARP6, DNA dC->dU-editing enzyme APOBEC-3D, apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3E pseudogene, probable DNA dC->dU-editing enzyme APOBEC-3D

**Official Symbol:** APOBEC3D

**Accession Number(s):** NP\_689639.2

**Human GeneID(s):** [140564](#)

### Immunogen

Peptide with sequence C-PKRQSNHRQEYFR, from the internal region of the protein sequence according to NP\_689639.2.

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.

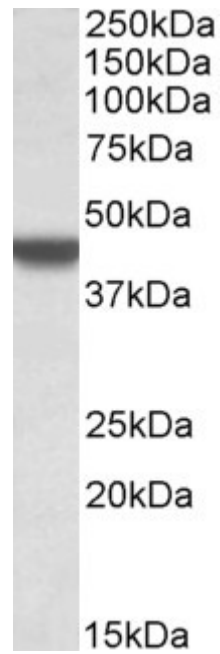
**Western blot:** Approx 45kDa band observed in lysates of cell line A549 (calculated MW of 46.6kDa according to NP\_689639.2). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Spleen. Recommended concentration: 3.75µg/ml.

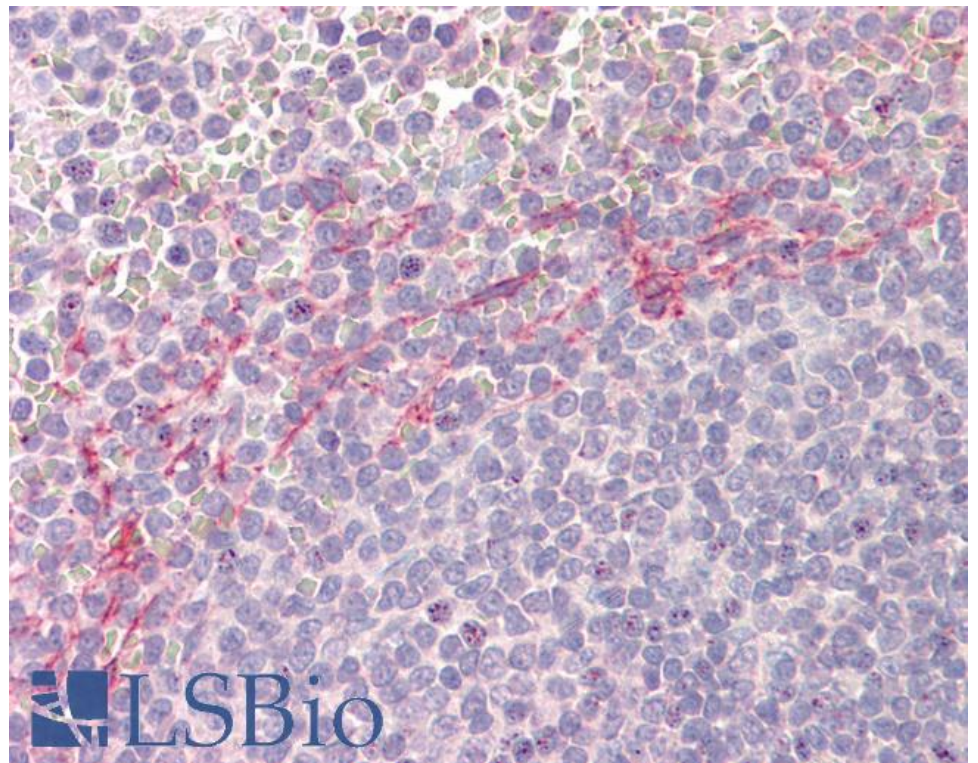
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB10903 (0.3 $\mu$ g/ml) staining of A549 lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB10903 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.