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

EB08307 - Goat Anti-APOBEC3C (C-term) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: APOBEC3C, apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C, APOBEC1L, ARDC2, ARDC4, ARP5, MGC19485, PBI, bK150C2.3

Official Symbol: APOBEC3C

Accession Number(s): NP_055323.2

Human GeneID(s): [27350](#)

Immunogen

Peptide with sequence C-RLKRRRLRESLQ, from the C terminus of the protein sequence according to NP_055323.2.

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 1:1000.

Western blot: Approx. 22kDa band observed in lysates of cell line Daudi (calculated MW of 22.8kDa according to NP_055323.2). Recommended concentration: 0.5-1.5µg/ml. Primary incubation 1 hour at room temperature. This antibody has been successfully used in WB on Human: <https://doi.org/10.1101/2021.01.13.426487>.

Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Specific References

This antibody has been successfully used in the following paper:

Camille Libre, Tanja Seissler, Santiago Guerrero, Julien Batisse, Cédric Verriez, Benjamin Stupfler, Orian Gilmer, Romina Cabrera-Rodriguez, Melanie M Weber, Agustin Valenzuela-Fernandez, Andrea Cimarelli, Lucie Etienne, Roland Marquet, Jean-Christophe Paillart

A conserved uORF regulates APOBEC3G translation and is targeted by HIV-1 Vif protein to repress the antiviral factor

Biomedicines. 2021 Dec 22;10(1):13.

PMID: 35052693

This antibody has been successfully used in Western blot on Human:

Camille Libre, Tanja Seissler, Santiago Guerrero, Julien Batisse, Cédric Verriez, Benjamin Stupfler, Orian Gilmer, Melanie M. Weber, Andrea Cimarelli, Lucie Etienne, Roland Marquet & Jean-Christophe Paillar

A conserved uORF impacts APOBEC3G translation and is essential for translational

inhibition by the HIV-1 Vif protein

<https://doi.org/10.1101/2021.01.13.426487>; this version posted January 13, 2021.

PMID: 0

EB08307 (0.5µg/ml) staining of Daudi cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB08307 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.