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EB06097 - Goat Anti-SAE1 / AOS1 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: SAE1, AOS1, SUA1, HSPC140, SUMO-1 activating enzyme subunit 1, sentrin/SUMO-activating protein AOS1, SUMO-1 activating enzyme E1 N subunit, ubiquitin-like protein SUMO-1 activating enzyme, SUMO1 activating enzyme subunit 1, FLJ3091, UBLE1A, activator of SUMO1, ubiquitin-like 1-activating enzyme E1A
Official Symbol: SAE1
Accession Number(s): NP_005491.1
Human GeneID(s): 10055

Immunogen

Peptide with sequence MKGNGIVECLGPK, from the C Terminus of the protein sequence according to NP_005491.1.

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.

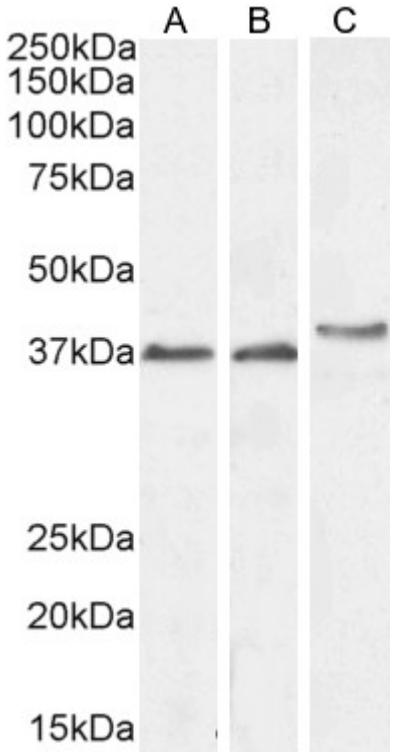
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: Approx. 37kDa band observed in lysates of cell lines HEK293 and A549, and approx. 38-40kDa in lysates of cell line Jurkat (calculated MW of 38.4kDa according to NP_005491.1). Recommended concentration: 0.5-2µg/ml. Primary incubation 1 hour at room temperature.

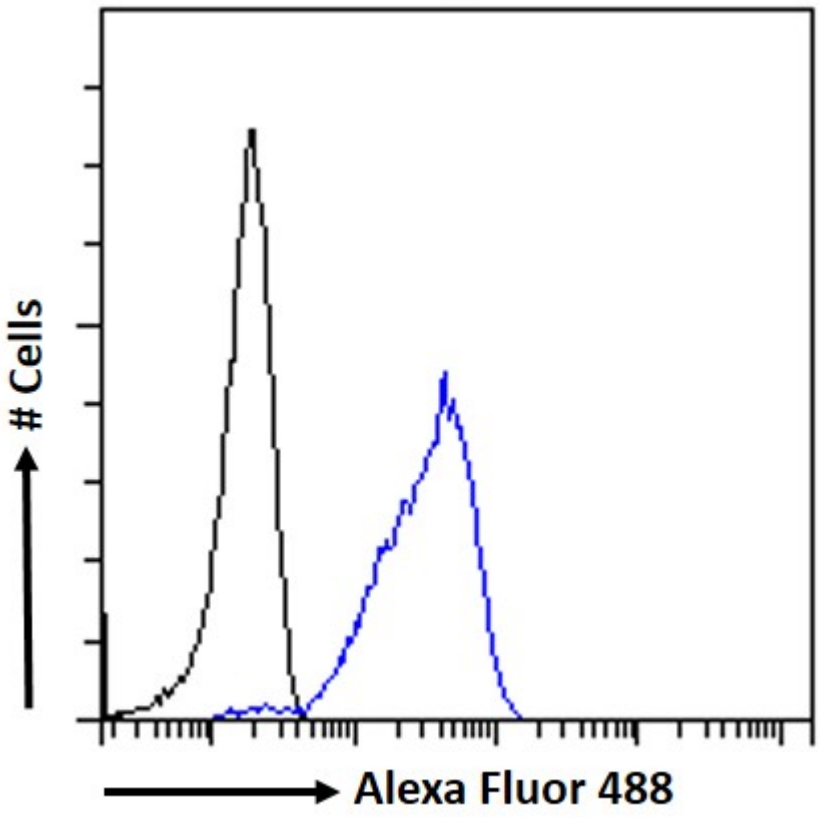
Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human



EB06097 (1µg/ml) staining of HEK293 (A), A549 (B) and (2ug/ml) Jurkat (C) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB06097 Flow cytometric analysis of paraformaldehyde fixed A431 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.