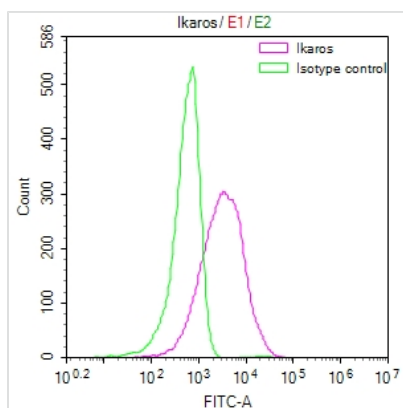




# IKZF1 Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA266291A0HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q13422
<b>Immunogen</b>	A synthesized peptide derived from Human IKZF1
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, FC; Recommended dilution: FC:1:50-1:200
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Recombinant Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Epigenetics and Nuclear Signaling;Cancer
<b>Gene Names</b>	IKZF1
<b>Clone No.</b>	21E9

## Image



Overlay Peak curve showing Jurkat cells stained with CSB-RA266291A0HU (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1\*10<sup>6</sup>cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?. Control antibody (green line) was rabbit IgG (1µg/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.

## Description

The IKZF1 recombinant monoclonal antibody is a product of a carefully planned production process. It commences with in vitro cloning, where the genes responsible for both the heavy and light chains of the IKZF1 antibody are seamlessly inserted into expression vectors. Subsequently, these vectors are transfected into host cells, paving the way for the recombinant antibody's expression within a cell culture milieu. Post-expression, the IKZF1 recombinant monoclonal antibody undergoes purification from the supernatant of transfected



host cell lines through the precision of affinity chromatography. This antibody shows a specific binding affinity for the human IKZF1 protein. It is suitable for ELISA and FC applications.

IKZF1 is a key transcription factor that plays a central role in lymphocyte development, immune system function, and the regulation of genes involved in immune responses. Its proper functioning is essential for a well-balanced and effective immune system.