

For Research Use Only

Cas9 Recombinant antibody

Catalog Number: 85389-1-RR



Basic Information

Catalog Number:

85389-1-RR

Size:

100ul , Concentration: 1000 µg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25281

GenBank Accession Number:

NP_269215

GeneID (NCBI):

Full Name:

Calculated MW:

160 kDa

Purification Method:

Protein A purification

CloneNo.:

242781G12

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

n/a

Positive Controls:

WB : A549 cells,

Background Information

Cas9 (CRISPR associated protein 9) is an RNA-guided DNA endonuclease enzyme associated with the CRISPR (Clustered Regularly Interspaced Short Palindromic Repeats) adaptive immunity system in *Streptococcus pyogenes*. This antibody detects the sp Cas9.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

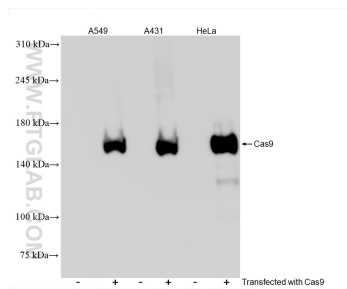
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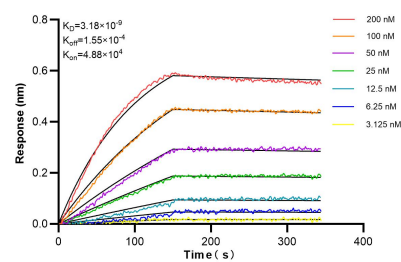
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85389-1-RR (Cas9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85389-1-RR against Human Cas9 were performed. The affinity constant is 3.18 nM.