

For Research Use Only

# Cas9 Recombinant antibody, PBS Only

Catalog Number: 85389-1-PBS



## Basic Information

Catalog Number:

85389-1-PBS

Concentration:

1 mg/ml

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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

n/a

## 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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

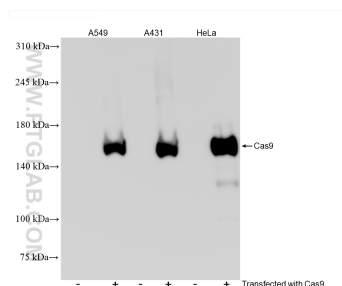
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

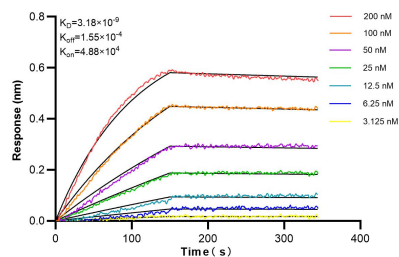
W: [ptgcn.com](http://ptgcn.com)

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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. This data was developed using the same antibody clone with 85389-1-PBS in a different storage buffer formulation.



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