

# ABflo® 488 Rabbit anti-Human GSK3β mAb

Catalog No.: A26725

## Basic Information

### Observed MW

### Calculated MW

47kDa

### Category

Primary antibody

### Applications

FC (intra)

### Cross-Reactivity

Human

### CloneNo number

ARC70827

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Background

The protein encoded by this gene is a serine-threonine kinase belonging to the glycogen synthase kinase subfamily. It is a negative regulator of glucose homeostasis and is involved in energy metabolism, inflammation, ER-stress, mitochondrial dysfunction, and apoptotic pathways. Defects in this gene have been associated with Parkinson disease and Alzheimer disease.

## Recommended Dilutions

**FC (intra)**      5 µl per 10<sup>6</sup> cells in  
                         100 µl volume

## Immunogen Information

### Gene ID

2932

### Swiss Prot

P49841

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

GSK3B; glycogen synthase kinase-3 beta; GSK3β

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

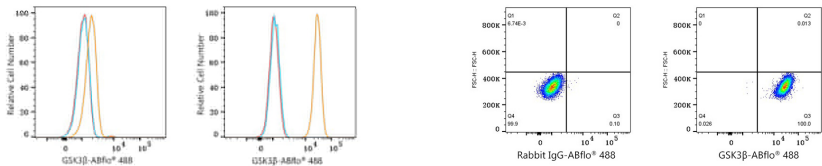
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

# Validation Data



Flow cytometry: 1X10<sup>6</sup> knockout (KO) HeLa cells (negative control,left) and HeLa cells (right) were intracellularly-stained with ABflo® 488 Rabbit anti-Human GSK3β mAb (A26725,5 μl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 μl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10<sup>6</sup> HeLa cells were intracellularly-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 μl/Test,left) or ABflo® 488 Rabbit anti-Human GSK3β mAb (A26725,5 μl/Test,right).