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# 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  $\mu$ l per 10^6 cells in 100  $\mu$ l 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**

SourceIsotypePurificationRabbitIgGAffinity 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:  $1\times10^6$  knockout (KO) HeLa cells (negative control,left) and HeLa cells (right) were intracellularly-stained with ABflo® 488 Rabbit anti-Human GSK3 $\beta$  mAb (A26725,5  $\mu$ I/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu$ I/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10^6 HeLa cells were intracellularly-stained with ABflo \$ 488 Rabbit IgG isotype control (A22069,5  $\mu$ I/Test,left) or ABflo \$ 488 Rabbit anti-Human GSK3 $\beta$  mAb (A26725,5  $\mu$ I/Test,right).