

ABflo® 647 Rabbit anti-Human GSK3β mAb

Catalog No.: A26726

Basic Information

Observed MW

GSK3B; glycogen synthase kinase-3 beta; GSK3β

Calculated MW

47kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC70827

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC (intra) 5 µl per 10⁶ cells in
100 µl volume

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.

Immunogen Information

Gene ID

2932

Swiss Prot

P49841

Immunogen

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

Synonyms

GSK3B

Contact

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✉ | cn.market@abclonal.com.cn

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Product Information

Source

Rabbit

Isotype

IgG

Purification

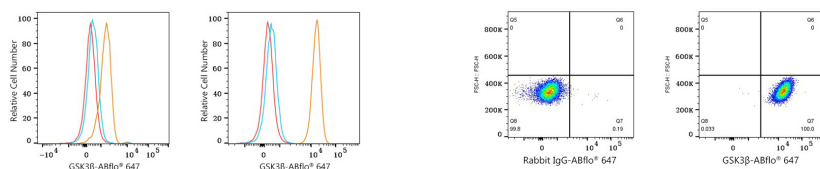
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ knockout (KO) HeLa cells (negative control, left) and HeLa cells (right) were intracellularly-stained with ABflo® 647 Rabbit anti-Human GSK3β mAb (A26726, 5 μl/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10⁶ HeLa cells were intracellularly-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μl/Test, left) or ABflo® 647 Rabbit anti-Human GSK3β mAb (A26726, 5 μl/Test, right).