A26725
Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit anti-Human GSK3β mAb

Catalog No.: A26725

Basic Information

Observed MW

Calculated MW
47kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
FC (intra)

Cross-Reactivity
Human

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 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
2932

Swiss Prot
P49841

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 321-420 of human GSK3β (NP_001139628.1).

Synonyms
GSK3B; glycogen synthase kinase-3 beta; GSK3β

Contact

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Product Information

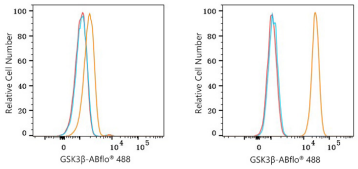
Source
Rabbit

Isotype
IgG

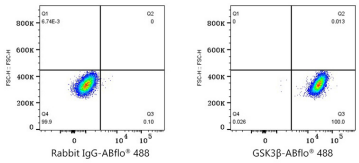
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 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: 1X10^6 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).