
Gamma-synuclein (1H10) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252664

Unit: 0.1 mg

Description:

SNCG (Gamma-synuclein) is a 127-amino acid protein (~14kDa), belongs to the synuclein family, which also includes alpha- and beta- synuclein. Three synucleins are located in the neuronal cytosol and enriched in presynaptic terminals, while SNCG is also expressed in many other non-neuronal tissues. SNCG is abnormally expressed in a high percentage of tumor tissues of diversified cancer types, including liver, esophagus, colon, gastric, lung, prostate, cervical and breast cancer, but rarely expressed in tumor-matched non-neoplastic adjacent tissues. High levels of SNCG have been identified in advanced breast carcinomas suggesting a correlation between overexpression of SNCG and breast tumor development.

Isotype: Mouse IgG1

Applications: WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in PBS pH7.4 with 0.03% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Gamma-synuclein; Breast cancer-specific gene 1 protein; Persyn; Synoretin; SR; BCSG1; PERSYN; PRSN; SNCG

Accession No.: O76070

Antigen: Purified recombinant fragment of SNCG expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.