

Anti-SNCG Antibody (5B102)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5B102
Purification:	Affinity-chromatography

Applications

1. IHC image of TMAH-01117 diluted at 1:50 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.

Verified Activity: 2. Overlay Peak curve showing Hela cells stained with TMAH-01117 (red line) at 1:100. The cells were fixed in 4% formaldehyde (15min) and permeated by 0.2% TritonX-100 for 10min. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1µg/1*10⁶ cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1µg/1*10⁶ cells) used under the same conditions. Acquisition of >10,019 events was performed.

Application: ELISA, IHC, FCM

Recommended IHC:1:20-1:200; FCM:1:20-1:200.

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human SNCG Protein
Antigen Species:	Human
Gene ID:	6623
Uniprot ID:	O76070
Synonyms:	BCSG1;γ-Synuclein;SNCG;Synoretin;SR;PERSYN;Breast Cancer-Specific Gene 1 Protein;Gamma-Synuclein;PRSN
Biology Area:	Neuroscience

Research Background

Plays a role in neurofilament network integrity. May be involved in modulating axonal architecture during development and in the adult. In vitro, increases the susceptibility of neurofilament-H to calcium-dependent

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proteases. May also function in modulating the keratin network in skin. Activates the MAPK and Elk-1 signal transduction pathway.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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