

Datasheet

GFAP monoclonal antibody, clone SB61b (Cy3)

Catalog Number: MAB5899

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against recombinant GFAP.

Clone Name: SB61b

Immunogen: Recombinant protein corresponding to human GFAP.

Host: Mouse

Reactivity: Human

Applications: IF, IHC-Fr, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: human GFAP (~ 50 KDa).

Form: Liquid

Conjugation: Cy3

Isotype: IgG2b, kappa

Recommend Usage: Immunohistochemistry (1 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store at 4°C.

Entrez GeneID: 2670

Gene Symbol: GFAP

Gene Alias: FLJ45472

Gene Summary: This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is

used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

References:

1. Expression of vimentin and glial fibrillary acidic protein in human developing spinal cord. Lukas Z, Draber P, Bucek J, Draberova E, Viklicky V, Staskova Z. Histochem J. 1989 Dec;21(12):693-701.