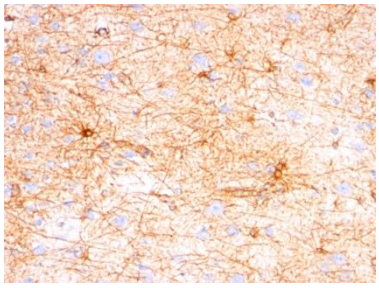
GFAP
clone GA-5

Instructions For Use

Specification:
This antibody recognizes a protein of ~50kDa which is identified as Glial Fibrillary Acidic Protein (GFAP, also known as Astrocyte or Intermediate Filament Protein). It shows no cross-reaction with other intermediate filament proteins. GFAP is specifically found in astroglia. GFAP is a very popular marker for localizing benign astrocyte and neoplastic cells of glial origin in the central nervous system.

Availability:

Catalog No.	Contents	Volume
ILM2670-C01	GFAP	0,1 ml concentrate
ILM2670-C05	GFAP	0,5 ml concentrate
ILM2670-C1	GFAP	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human, Mouse, Rat, Cow, Pig, Rabbit, Chicken

Clone: GA-5

Species of origin: Mouse

Isotype: IgG_1

Control Tissue: Brain or Astrocytoma

Staining: Cytoplasmic

Immunogen: GFAP isolated from pig spinal cord

Presentation: Bioreactor Concentrate with 0.05% Azide

Application and suggested dilutions:
Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution 1:400-1:800)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:400-1:800)
- Western Blotting

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilute the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

1) Herpers MJ et. Al. 1986, Acta Neuropathol, 70:333-339.
2) Van Muijen GN et. Al. 1987, Lab Invest, 57:359-369.