

## Anti-GFAP Antibody [clone 10-2]

<b>Catalog Number</b>	LDG0236YA
<b>Package</b>	Customized package / 100 µg

For full product information, images and publications, please visit [our website](#).



### Overview

#### Description

Glial Fibrillary Acidic Protein (GFAP) is an intermediate filament protein predominantly expressed in astrocytes, a type of glial cell in the central nervous system. GFAP plays a crucial role in maintaining astrocyte structural integrity and supporting neuronal functions. Elevated GFAP levels are associated with neurodegenerative diseases, traumatic brain injuries, and gliomas, making it a key biomarker in neurological research and diagnostics. Anti-GFAP antibodies are widely used in immunohistochemistry, Western blot, and immunofluorescence to detect and study astrocyte activation, brain pathology, and glial cell function.

#### Product Note

Recommended dilution factor:  
 ELISA: 1:5000-20000

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

### Specifications

<b>Host</b>	<b>Clonality</b>
Mouse	Monoclonal
<b>Isotype</b>	<b>Clone Name</b>
IgG2b	Clone 10-2
<b>Immunogen</b>	<b>Reactivity</b>
Human GFAP Protein	Human
<b>Application</b>	<b>Conjugation</b>
ELISA	Unconjugated

#### Tainan Headquarter

+886-6-2536677

bd@leadgene.com.tw

#### Innovation & Research Center

+886-2-27065528

#### CLD Center

+886-6-2536677

**Concentration**

Lot dependent

**Buffer**

Phosphate Buffered Saline containing 0.03% Proclin300, pH 7.4.

**Purity**

>95% as determined by SDS-PAGE analysis.

**Form**

Liquid

**Background****Synonyms**

GFAP, ALXDRD, glial fibrillary acidic protein

**Instruction****Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

**Stability & Storage**

This product is stable after storage at:

- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.

**Image****Tainan Headquarter**

+886-6-2536677

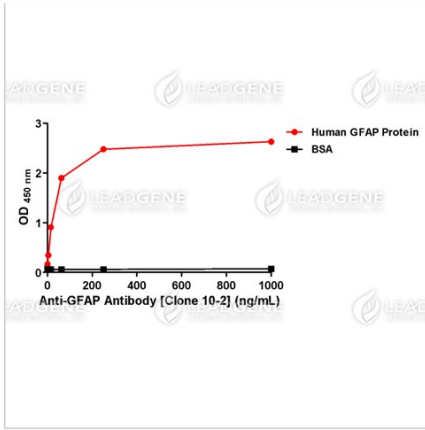
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ELISA: Titration curve of anti-GFAP antibody in ELISA. Red: Human GFAP protein ; Black: BSA (negative control).

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