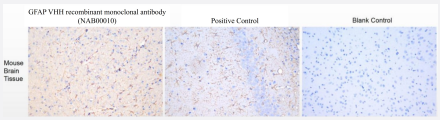
NanoAb™

VHH-His tag NanoAb™ Targeting Human GFAP

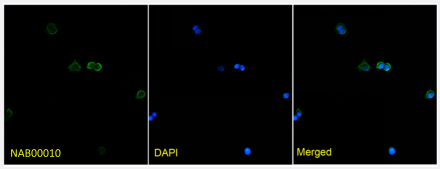
Catalog # NAB00010 Size 100 ug

Applications



Immunohistochemistry

Immunohistochemical analysis of paraffin-embedded mouse brain tissue slides using GFAP VHH recombinant monoclonal antibody at 5ug/mL and positive control at 1:500 (under 20x lens), respectively. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescence

Immunofluorescence analysis of paraformaldehyde-fixed U251 cells stained with GFAP VHH recombinant monoclonal antibody at 10 ug/mL, showing cytoplasmic staining(under 40x lens).

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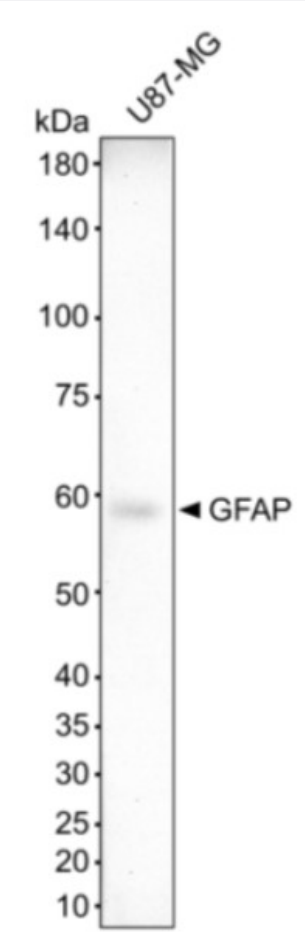

Western Blot

Lysate of U87-MG cell line was subjected to SDS-PAGE followed by western blot with GFAP VHH recombinant monoclonal antibody at dilution of 1:3000 incubated at room temperature for 1.5 hours.

Specification

Product Description	VHH NanoAb™ targeting GFAP expressed in *Escherichia coli* under conditions free from animal-derived components.
Antibody Species	Alpaca
Immunogen	Human GFAP recombinant protein
Theoretical MW (kDa)	13.2
Reactivity	SARS-CoV-2
Epitope	Monospecific
Tag	His tag at C-terminus
Conjugation	Unconjugated
Preparation Method	*Escherichia coli* expression system

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Purification	Affinity chromatography purified
Conjugation	Unconjugated
Affinity	Not measured
Form	Lyophilized
Purity	> 95% by SDS-PAGE
Recommend Usage	WB (1:1000-1:5000) IHC (1:200-1:600) IF (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS pH 7.4.
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with deionized water or with 50% glycerol (ACS grade or better), store at -20°C o r lower. Aliquot to avoid repeated freezing and thawing.

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