

# Product Datasheet

## GFAP Antibody (SPM507) [FITC] NBP2-34413F

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34413F**

GFAP Antibody (SPM507) [FITC]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SPM507
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	FITC
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	50 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	2670
<b>Gene Symbol</b>	GFAP
<b>Species</b>	Human, Mouse, Rat, Porcine, Bovine, Chicken, Rabbit
<b>Marker</b>	Astrocyte & Neural Stem Cell Marker
<b>Specificity/Sensitivity</b>	This monoclonal antibody recognizes a protein of ~50kDa which is identified as Glial Fibrillary Acidic Protein (GFAP). 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. Antibody to GFAP is useful in differentiating primary gliomas from metastatic lesions in the brain and for documenting astrocytic differentiation in tumors outside the CNS.
<b>Immunogen</b>	GFAP isolated from pig spinal cord (Uniprot: P14136)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-34413F**

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NBP1-43319F	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [FITC]
H00002670-P01-2ug	Recombinant Human GFAP GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
DY2594-05	GFAP [Biotin]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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