

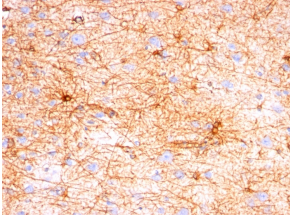
## Anti-GFAP Antibody [SPM507] (A248707)

### Specifications:

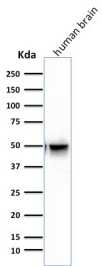
Name:	Anti-GFAP Antibody [SPM507]
Description:	Mouse monoclonal [SPM507] antibody to GFAP.
Specificity:	This antibody recognizes a protein of ~50kDa which is identified as Glial Fibrillary Acidic Protein (GFAP). It shows no cross-reaction with other intermediate filament proteins. GFAP is specifically 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.
Applications:	Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human, Mouse, Rat, Bovine, Porcine, Rabbit, Chicken
Immunogen:	GFAP isolated from pig spinal cord.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	SPM507
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-GFAP Antibody [SPM507] - BSA and Azide free (A251889).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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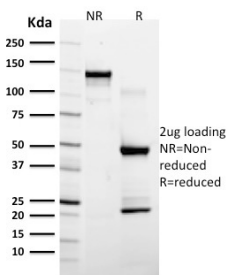
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human cerebellum using Anti-GFAP Antibody [SPM507].



Western blot analysis of human brain tissue lysate using Anti-GFAP Antibody [SPM507].



SDS-PAGE analysis of Anti-GFAP Antibody [SPM507] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.