

GFAP Monoclonal Antibody(5C8)

Catalog # AP63313

Product Information

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|--------------------------|------------------------|
| Application | WB, IHC-P, IF |
| Primary Accession | P14136 |
| Reactivity | Rat, Mouse |
| Host | Mouse |
| Clonality | Monoclonal |
| Calculated MW | 49880 |

Additional Information

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|---------------------------|--|
| Gene ID | 2670 |
| Other Names | GFAP; Glial fibrillary acidic protein; GFAP |
| Dilution | WB~~WB: 1:2000-5000 IF 1:200 IHC 1:50-300 IHC-P~~N/A IF~~1:50~200 |
| Format | PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol. |
| Storage Conditions | -20°C |

Protein Information

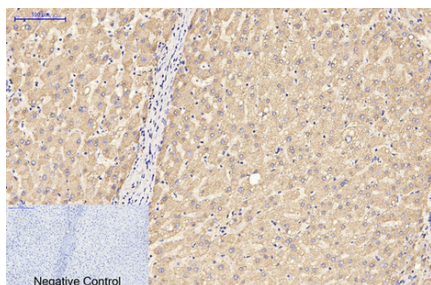
| | |
|--------------------------|---|
| Name | GFAP |
| Function | GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells. |
| Cellular Location | Cytoplasm. Note=Associated with intermediate filaments |
| Tissue Location | Expressed in cells lacking fibronectin. |

Background

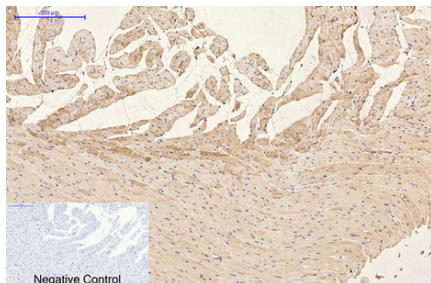
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Images

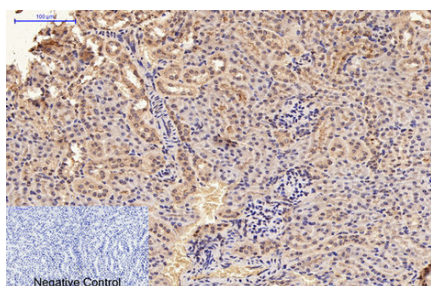
Immunohistochemical analysis of paraffin-embedded



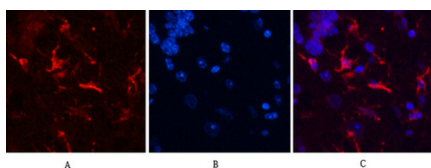
Human-liver tissue. 1,GFAP Monoclonal Antibody(5C8) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



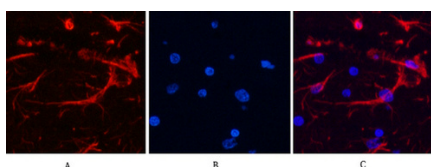
Immunohistochemical analysis of paraffin-embedded Rat-heart tissue. 1,GFAP Monoclonal Antibody(5C8) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



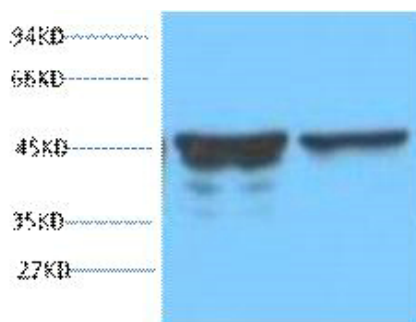
Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue. 1,GFAP Monoclonal Antibody(5C8) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of Mouse-brain tissue. 1,GFAP Monoclonal Antibody(5C8)(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunofluorescence analysis of Rat-brain tissue. 1,GFAP Monoclonal Antibody(5C8)(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Western blot analysis of Rat Brain Tissue, diluted at 1:5000.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.