

## 34-1043: Monoclonal Antibody to Glial Fibrillary Acidic Protein, GFAP(Clone: 5C10)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	5C10
<b>Application :</b>	IHC,WB
<b>Reactivity :</b>	Pig,Rat,Mouse,Human,Bovine
<b>Gene :</b>	GFAP
<b>Gene ID :</b>	2670
<b>Uniprot ID :</b>	P14136
<b>Format :</b>	Purified
<b>Isotype :</b>	Mouse, IgG1
<b>Immunogen Information :</b>	Purified porcine spinal cord GFAP

### Product Info

<b>Amount :</b>	100 $\mu$ l
<b>Content :</b>	Antibody is supplied as ascites, concentrated tissue culture supernatant or 1 mg/ml of affinity purified antibody.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot: 1:5,000. IF/ICC or IHC: 1:1,000.

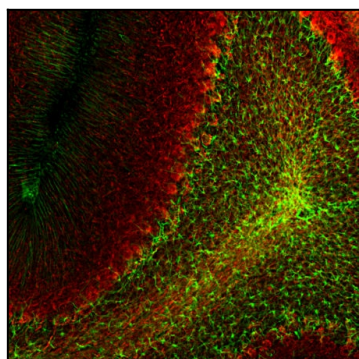


Figure 1: Mixed neuron-glia cultures stained with 34-1043, and chicken polyclonal antibody to neurofilament NF-L 34-1084 (green). The GFAP antibody stains the network of astrocytes in these cultures, while the NF-L antibody stains neurons and their processes. The blue channel shows the localization of DNA. This antibody also works on formalin fixed paraffin embedded brain tissues, as shown here.

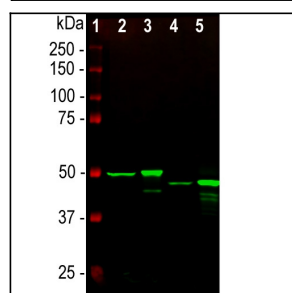


Figure 2: Strip blot of rat spinal cord protein extract stained with 34-1043. A prominent band at about 50 kDa corresponds to the major isoform of GFAP.