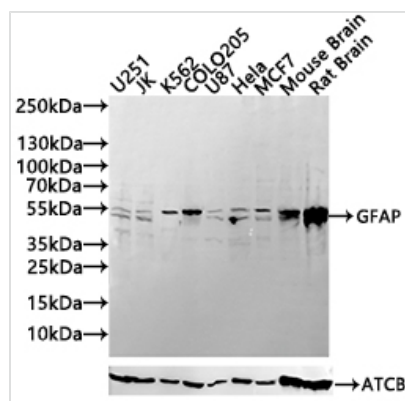




# GFAP Recombinant Monoclonal Antibody

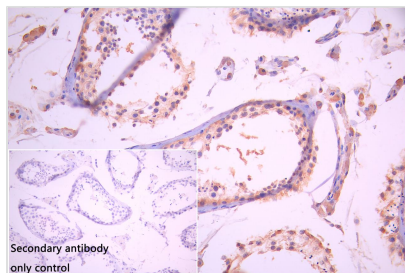
<b>Product Code</b>	CSB-RA009369MA1HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P14136
<b>Immunogen</b>	Recombinant Human GFAP protein
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Tested Applications</b>	ELISA, WB, IHC, FC; Recommended dilution: WB:1:1000-1:5000, IHC:1:50-1:200, FC:1:50-1:200
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Mouse IgG2a
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Recombinant Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Neuroscience;Tags & Cell Markers;Signal transduction?Stem cells
<b>Target Names</b>	GFAP
<b>Clone No.</b>	6B12

## Image

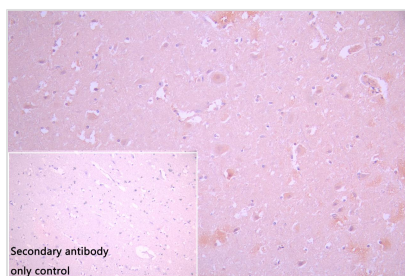


### Western Blot

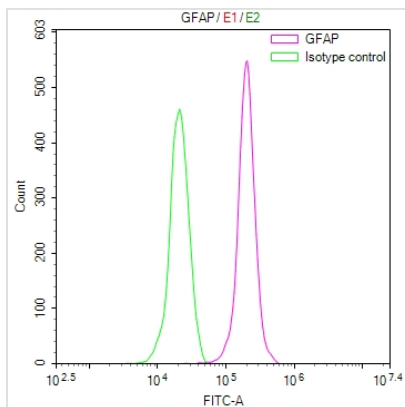
Positive WB detected in: U251 whole cell lysate(30µg), JK whole cell lysate(30µg), K562 whole cell lysate(30µg), COLO205 whole cell lysate(30µg), U87 whole cell lysate(30µg), HeLa whole cell lysate(30µg), MCF7 whole cell lysate(30µg), Mouse Brain tissue lysate(30µg),Rat Brain tissue lysate(30µg)  
 All lanes: GFAP antibody at 1:1000  
 Secondary  
 Goat polyclonal to rabbit IgG at 1/40000 dilution  
 Predicted band size:50 kDa  
 Observed band size:50,55 kDa  
 Exposure time: 60s



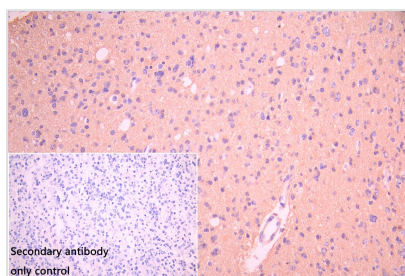
IHC image of CSB-RA009369MA1HU diluted at 1:50 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody



IHC image of CSB-RA009369MA1HU diluted at 1:50 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody



Overlay Peak curve showing U251 cells stained with CSB-RA009369MA1HU (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100 for 10min. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup>cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-human IgG(H+L) at 1:200 dilution for 35min at 4?. Control antibody (green line) was human IgG (1ug/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.



IHC image of CSB-RA009369MA1HU diluted at 1:50 and staining in paraffin-embedded human glioma cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody