

Basic Information

Product Name	Anti-GFP-Tag Antibody								
Gene Name	GFP								
Source	Mouse								
Clonality	Monoclonal								
Isotype	IgG1								
Species Reactivity	human, mouse, rat, All species								
Tested Application	WB								
Contents	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.								
Immunogen	Full-length GFP protein								
Concentration	500ug/ml								
Purification	Affinity-chromatography								
Observed MW	27 kDa								
Dilution Ratios	<table> <tr> <td>Western blot (WB):</td> <td>1:1000-5000</td> </tr> <tr> <td>Immunohistochemistry (IHC):</td> <td>1:50-200</td> </tr> <tr> <td>Immunocytochemistry/Immunofluorescence (ICC/IF):</td> <td>1:50-200</td> </tr> <tr> <td>ImmunoPrecipitation (IP):</td> <td>1:100</td> </tr> </table>	Western blot (WB):	1:1000-5000	Immunohistochemistry (IHC):	1:50-200	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200	ImmunoPrecipitation (IP):	1:100
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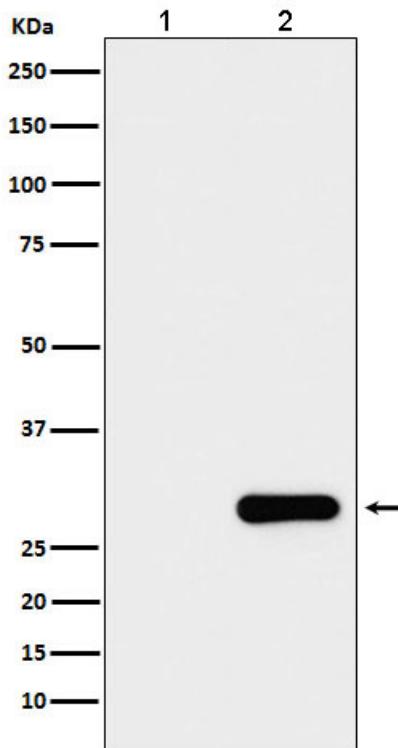
Storage

12 months from date of receipt, -20°C as supplied.

Background Information

Green fluorescent protein(GFP) has been engineered to produce a vast number of variously colored mutants, fusion proteins, and biosensors. Fluorescent proteins and its mutated allelic forms, blue, cyan and yellow have become a useful and ubiquitous tool for making chimeric proteins, where they function as a fluorescent protein tag. Typically they tolerate N- and C-terminal fusion to a broad variety of proteins.

Selected Validation Data



Western blot analysis of GFP protein expression in (1) 293T cell lysate; (2) 293T cell transfected with GFP protein lysate.