BOSTER BIOLOGICAL TECHNOLOGY
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Anti-GFAP Antibody (Monoclonal, 35G81)

Catalog Number: M00213-11

About Gfap

Glial fibrillary acidic protein (GFAP) is an intermediate filament protein of 52Kda. GFAP gene is mapped to human 17q21. GFAP is a useful marker of astroglia in the brain. Mutations in GFAP, encoding glial fibrillary acidic protein, are associated with Alexander disease.

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Overview

Product Name	Anti-GFAP Antibody (Monoclonal, 35G81)
Reactive Species	Human, Mouse, Pig, Rat
Description	Boster Bio Anti-GFAP Antibody (Monoclonal, 35G81) catalog # M00213-11. Tested in IF, IHC, IHC-F, WB applications. This antibody reacts with Human, Mouse, Pig, Rat.
Application	IF, IHC, IHC-F, WB
Clonality	Monoclonal 35G81
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P47819

Technical Details

Immunogen	GFAP from pig spinal cord.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P) and IHC(F).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized

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Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Western blot, 0.5-1ug/ml, Human, mouse, pig, rat Immunohistochemistry (Paraffin-embedded Section), 0.4-1ug/ml, Human, pig, rat Immunohistochemistry (Frozen Section), 0.5-1ug/ml, Human, pig, rat, - Immunofluorescence, 2ug/ml, Rat

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For Research Use Only. Not for use in diagnostic procedures.