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Anti-GFP Rabbit Monoclonal Antibody

Catalog Number: M30939

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Overview

Product Name	Anti-GFP Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GFP Rabbit Monoclonal Antibody catalog # M30939. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal CE-7
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P42212

Technical Details

Immunogen	A synthesized peptide derived from green fluorescent protein
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:1000-5000

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	IHC, 1:50-200 ICC/IF, 1:50-200

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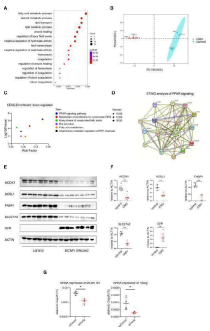
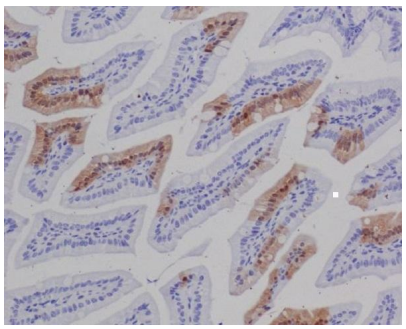
Anti-GFP Rabbit Monoclonal Antibody (M30939) Images



MCMV infection influence the lipid metabolism pathway in infant mice hepatocytes. (A) The hepatocytes cell cluster in Figure 1A were selected. Enriched GO terms for significantly down-regulated genes in hepatocytes cluster, compared with other clusters, were shown as bubble diagram. (B) Hepatocytes from three uninfected and three MCMV infected 2 weeks old WT mice were isolated and proteomic mass spectrometry analysis were performed individually. PCA analysis showed that the difference between infection group and control group. Each point represents an individual mice. (C) Enriched KEGG terms for significantly down-regulated genes of hepatocytes between uninfected and infected group in proteomic mass spectrometry analysis. (D) Proteomic gene regulation network of down-regulated PPAR-gamma pathway analyzed by STRING. (E) WT mice were infected by MCMV at 14 days post birth. Immunoblotting with antibodies target ACOX1, ACSL1, FABP1, SLC27A2 and GFP in hepatocytes from mice infected with MCMV at three dpi or treated with PBS. Experiments were repeated three times. Each lane represents an individual mice. (F) Quantitative analysis of (E) (mean ± SD). Statistical significance was determined by non-parametric Mann Whitney test between groups (*P < 0.05, ***P < 0.001). (G) AML12 mice hepatocyte cell were transfected with siRNA that does not match any known genes or regulatory regions(siControl) or target Pparg mRNA(si Pparg). qPCR analysis of indicated genes in different cells at 24 hours post MCMV infection (n=4, mean ± SD). Statistical significance was determined by non-parametric Mann Whitney test between groups (*P < 0.05, ***P < 0.001). Experiments were repeated three times. Each point represents an individual cell sample.Index in PubMed under a CC BY license. PMID: 37638012



Immunohistochemical analysis of paraffin-embedded GFP transgenic human colon, using GFP Antibody.

Immunofluorescent analysis of 293 cells, using GFP Antibody.

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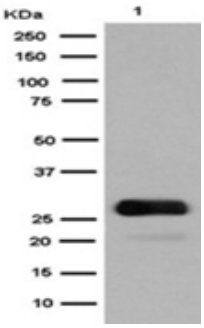

Western blot analysis of GFP expression in 293 cell lysate transfected with GFP.

1 Publications Citing This Product

1. PubMed ID: 27746720, Hyperexpressed netrin-1 promoted neural stem cells migration in mice after focal cerebral ischemia

Visit bosterbio.com/anti-gfp-rabbit-monoclonal-antibody-m30939-boster.html to see all 1 publications.

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