BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Calbindin-D Calb1 Antibody (Monoclonal, 31C05)

Catalog Number: M03047-3

About Calb1

The human calbindin D28k (CALB1) is a calcium-binding protein belonging to the troponin C superfamily. It was originally described as a 27-kD protein induced by vitamin D in the duodenum of the chick. Parmentier et al. (1991) mapped the CALB1 gene to 8q21.3-q22.1 by in situ hybridization.

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Overview

Product Name	Anti-Calbindin-D Calb1 Antibody (Monoclonal, 31C05)
Reactive Species	Bovine, Human, Mouse, Rat
Description	Boster Bio Anti-Calbindin-D Calb1 Antibody (Monoclonal, 31C05) catalog # M03047-3. Tested in IF, IHC, WB applications. This antibody reacts with Bovine, Human, Mouse, Rat.
Application	IF, IHC, WB
Clonality	Monoclonal 31C05
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3. 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 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	P07171

Technical Details

Immunogen	Bovine kidney calbindin-D
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).

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Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 1-2ug/ml, Human, bovine, mouse, rat Western blot, 0.5-1ug/ml, Human, bovine, mouse, rat Immunofluorescence, 2ug/ml, Mouse

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