BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Cathepsin D Ctsd Antibody (Monoclonal, 35C60)

Catalog Number: M01361-2

About Ctsd

Cathepsin D is one of the lysosomal proteinases. It is ubiquitously expressed and is involved in proteolytic degradation, cell invasion, and apoptosis. Cathepsin D is mapped to chromosome 11. The amino acid sequence predicted from the cDNA sequence shows that human cathepsin D consists of 412 amino acids with 20 and 44 amino acids in a pre- and a prosegment, respectively.

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Overview

Product Name	Anti-Cathepsin D Ctsd Antibody (Monoclonal, 35C60)
Reactive Species	Human
Description	Boster Bio Anti-Cathepsin D Ctsd Monoclonal Antibody catalog # M01361-2. Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal 35C60
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	P24268

Technical Details

Immunogen	Human liver cathepsin 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 IgG2a
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 Western blot, 0.5-1ug/ml, Human

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