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Anti-HSP60 Hspd1 Antibody (Monoclonal, 35H82)

Catalog Number: M01280-7

About Hspd1

Heat shock 60KD protein (HSP60) is a member of the chaperonin class of protein factors and the nuclear encoded mitochondrial HSP60 is required for the assembly into oligomeric complexes of proteins imported into the mitochondrial matrix. HSP60 is linked head to head comprising approximately 17 kb and consist of 12 exons. HSP60 is a self-molecule, it can downregulate adaptive immune responses by upregulating Tregs innately through TLR2 signaling.

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Overview

Product Name	Anti-HSP60 Hspd1 Antibody (Monoclonal, 35H82)
Reactive Species	Chicken, Human, Mouse, Rat
Description	Boster Bio Anti-HSP60 Hspd1 Antibody (Monoclonal, 35H82) catalog # M01280-7. Tested in IHC, WB applications. This antibody reacts with Chicken, Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal 35H82
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	P63039

Technical Details

Immunogen	Recombinant human heat shock protein 60 (HSP60)
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).
Cross Reactivity	No cross-reactivity with other proteins

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Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Western blot, 2-4ug/ml, Human, chicken, rat Immunohistochemistry (Paraffin-embedded Section), 4-8ug/ml, Human, chicken, mouse, rat

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