# Hsp70/Hsc70 | Heat shock (cognate) protein 70 (monoclonal, clone 5G1-95)

CD BioSciences
Plant Protein

*Cat* *PA01446*

*Size* *100 µg*

## Host
Mouse

## Clonality
Monoclonal

## Confirmed reactivity
Constitutive and inducible plant Hsp70.

## Immunogen
Purified Hsp70 from Phaseolus aureus

## Host
Mouse

## Clonality
Monoclonal

## Purity
Purified on Protein A to a total immunoglobulin fraction in PBS pH 7.4, 50% glycerol and sodium azide at 0.09%.

## Format
Liquid at 1 µg/µl

## Storage
Stable for at least one year at -20°C. Avoid multiple freeze-thaw cycles, prepare aliquotes. Please, remember to spin a tube briefly prior opening them to avoid any loses that might occur from material adhering to the cap or sides of the tube.

## Application
ELISA (ELISA), Western blot (WB)

## Recommended dilution
1-10 µg/ml (ELISA), 1 µg/ml (WB)

## Expected | apparent MW
70 kDa

## Confirmed reactivity
Constitutive and inducible plant Hsp70.

## Not reactive in
Human, rat, bacteria (DNAKK) HSP/HSC70 or human BIP.

## Description
Heat shock protein 70 (Hsp70) is a major stress-inducing protein in vertebrates and has been highly conserved throughout evolution. It acts as a molecular chaperone and is important for allowing cells to respond to acute stressor damage, particularly those that affect protein mechanisms. Heat shock homologous protein 70 (HSC70)



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is a highly conserved protein that is a member of the chaperone family of proteins.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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