

Anti-Hsp70 (Ser153) Antibody



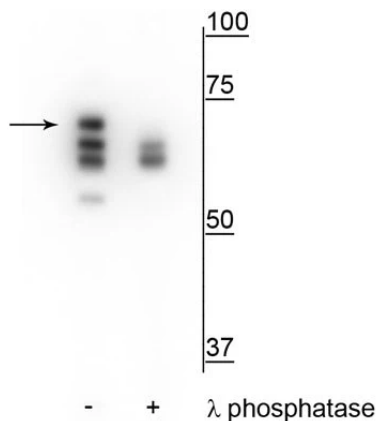
Pooled Serum

Product Details

Available Variants	100 µL (SKU:p1182-153) 25 µL (SKU:p1182-153t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	HSPA1A
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Thr153 of human HSP, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for the ~70 kDa Hsp70 phosphorylated at Ser153. Immunolabeling of Hsp70 is completely eliminated with λ-phosphatase treatment. Additional bands detected are thought to be other members of the Hsp70 family.
Molecular Weight	70 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2636998
UniProt ID	<u>P0DMV8</u>
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser153
NCBI Gene ID	3303

Product Images



Western blot of T47D cell lysate treated with EGF (1 nM) for 60 minutes showing specific labeling of the ~70 kDa Hsp70 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is eliminated or significantly decreased with lambda phosphatase (λ -Ptase, 1200 units for 30 minutes).

Product Page URL: www.antibodiesinc.com/products/anti-hsp70-ser153-antibody-p1182-153



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