

HSP60 Monoclonal Antibody (LK1), APC

Product Details

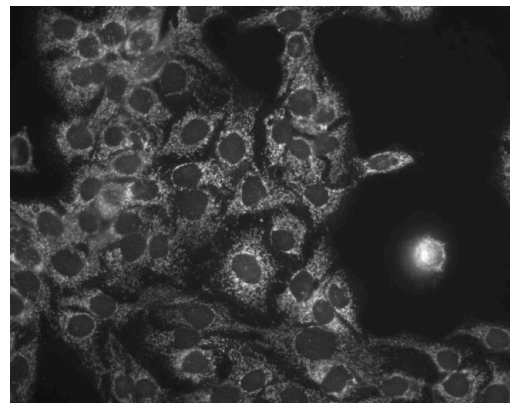
Size	200 µg
Species Reactivity	Bovine, Dog, Chicken, Fruit fly, Guinea pig, Hamster, Human, Insect, Mouse, Non-human primate, Sheep, Plant, Pig, Rabbit, Rat, Shrew, Xenopus
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	LK1
Conjugate	APC
Excitation/Emission Max	651/660 nm
Immunogen	Recombinant human HSP60
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	47.35mM phosphate/2.15mM MES with 1.033mM EDTA
Contains	no preservative
Storage conditions	4° C

Applications	Tested Dilution	Publications
Western Blot (WB)	1:20,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100	-
Immunohistochemistry (PFA fixed) (IHC (PFA))	1:100,000	-
Immunocytochemistry (ICC/IF)	1:100	-
Flow Cytometry (Flow)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	1:200	-

Product Specific Information

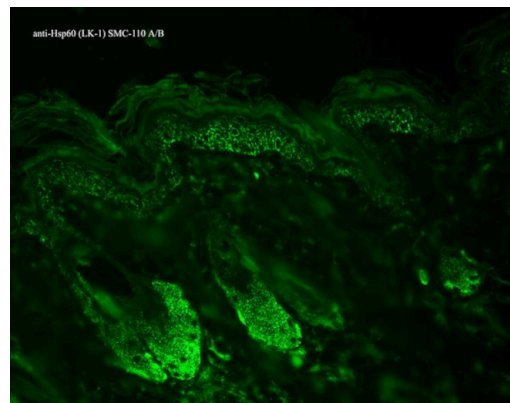
0.05 µg/mL of MA5-45109 was sufficient for detection of HSP60 in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using goat anti-mouse IgG as the secondary antibody. | Detects approximately 60kDa.

Product Images For HSP60 Monoclonal Antibody (LK1), APC



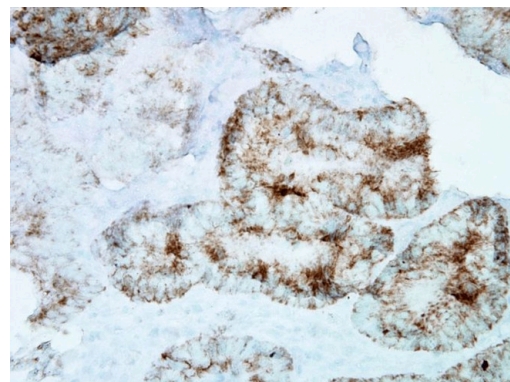
HSP60 Antibody (MA5-45109) in ICC/IF

Immunocytochemistry/Immunofluorescence analysis using HaCaT cells. Fixation involved Cold 100% methanol at -20°C for 10 minutes. Samples were incubated with Hsp60 monoclonal antibody (Product # MA5-45109) at 1:100 for 1 hour at RT, followed by FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Cytoplasmic Staining.



HSP60 Antibody (MA5-45109) in IHC (P)

Immunohistochemistry analysis using backskin. Fixation involved Bouins Fixative and paraffin-embedded. Samples were incubated with Hsp60 monoclonal antibody (Product # MA5-45109) at 1:100 for 1 hour at RT, followed by FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Epidermis.



HSP60 Antibody (MA5-45109) in IHC (PFA)

Immunohistochemistry analysis using colon carcinoma. Fixation involved formalin. Samples were incubated with Hsp60 monoclonal antibody (Product # MA5-45109) at 1:100,000 for 12 hours at 4°C, followed by Biotin Goat Anti-Mouse at 1:2,000 for 1 hour at RT. Counterstain used was Mayer Hematoxylin (purple/blue) nuclear stain at 200 µL for 2 minutes at RT. Localization: Inflammatory cells. Magnification: 40x. This image was produced using an amplifying IHC wash buffer. The antibody has therefore been diluted more than is recommended for other applications.

[View more figures on thermofisher.com](#)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.