

Anti-HSP60 Antibody [HSPD1/2206R] (A248893)

Specifications:

Name:	Anti-HSP60 Antibody [HSPD1/2206R]
Description:	Recombinant rabbit monoclonal [HSPD1/2206R] antibody to HSP60.
Specificity:	This antibody recognizes a 60kDa protein, identified as the heat shock protein 60 (hsp60). Its epitope is localized between aa 383-447 of human hsp60. A wide variety of environmental and pathophysiological stressful conditions trigger the synthesis of a family of proteins known as heat shock proteins (hsp s), more appropriately called as stress response proteins (srp s). hsp60 is a potential antigen in a number of autoimmune diseases. In human arthritis and in experimentally induced arthritis in animals, disease development coincides with the development of immune reactivity directed against not only bacterial hsp60, but also against its mammalian homolog. Clone HSPD1/2206R, unlike LK2, This antibody recognizes only the mammalian (not bacterial) hsp60 and is useful in distinguishing hsp60 from mammals and bacteria.
Applications:	WB, IHC-P
Recommended Dilutions:	WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human, Mouse, Rat, Hamster, Sheep, Rabbit, Bovine, Canine, Porcine, Monkey, Chicken
Immunogen:	Recombinant full-length human HSP60 protein.
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	HSPD1/2206R
Isotype:	IgG
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

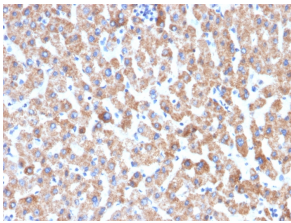
Anti-HSP60 Antibody [HSPD1/2206R] (A248893)

Specifications continued:

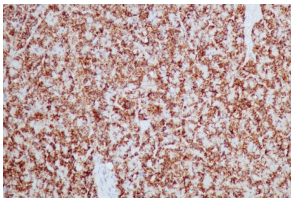
General Notes: This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-HSP60 Antibody [HSPD1/2206R] - BSA and Azide free (A252073).

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

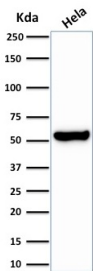
Images:



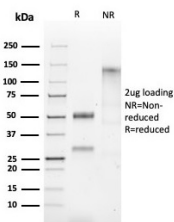
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human liver using Anti-HSP60 Antibody [HSPD1/2206R].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded dog pancreas using Anti-HSP60 Antibody [HSPD1/2206R].



Western blot analysis of HeLa cell lysate using Anti-HSP60 Antibody [HSPD1/2206R].



SDS-PAGE analysis of Anti-HSP60 Antibody [HSPD1/2206R] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.