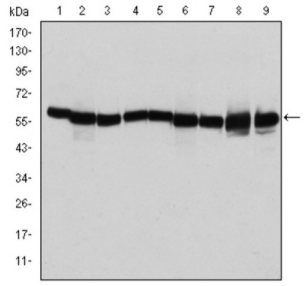
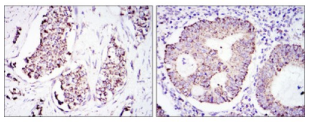
Heat Shock 60 kDa Protein 1, Chaperonin / HSP60 (HSPD1) Antibody

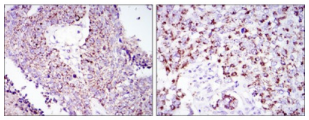
Catalogue No.:abx015886



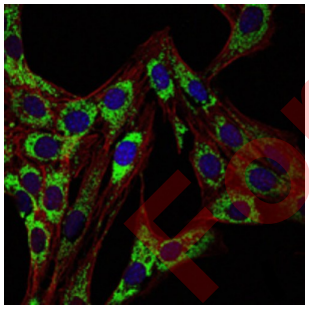
Western blot analysis using HSP60 antibody against T47D (1), Hela (2), HepG2 (3), A549 (4), Jurkat (5), HEK293 (6), NIH/3T3 (7), PC-12 (8) and Cos7 (9) cell lysate.



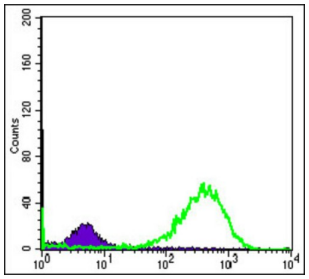
Immunohistochemical analysis of paraffin-embedded lung cancer tissues (left) and kidney cancer tissues (right) using HSP60 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded breast cancer tissues (left) and colon cancer tissues (right) using HSP60 antibody with DAB staining.



Immunofluorescence analysis of 3T3-L1 cells using HSP60 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.



Flow cytometric analysis of Hela cells using HSP60 antibody (green) and negative control (purple).

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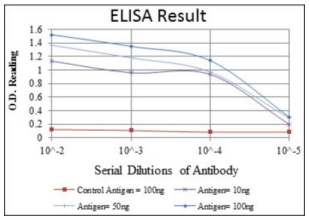

Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

This gene encodes a member of the chaperonin family.The encoded mitochondrial protein may function as a signaling molecule in the innate immune system.This protein is essential for the folding and assembly of newly imported proteins in the mitochondria.This gene is adjacent to a related family member and the region between the 2 genes functions as a bidirectional promoter.Several pseudogenes have been associated with this gene.Two transcript variants encoding the same protein have been identified for this gene.Mutations associated with this gene cause autosomal recessive spastic paraplegia 13. (provided by RefSeq).

Target:	Heat Shock 60 kDa Protein 1, Chaperonin / HSP60 (HSPD1)
Clonality:	Monoclonal
Reactivity:	Human, Rat, Mouse, Monkey
Tested Applications:	ELISA, WB, IHC, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human HSP60 expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
GeneID:	3329
Molecular Weight:	61 kDa

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Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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