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Anti-Hsp60 Rabbit mAb [81F26]

Catalog No.: A52175

Basic Information

Catalog No. (Cat.No.)	A52175
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Hsp60,HSP60,HSP60alpha,HSPC10,Mitochondrial chaperonin

Product Information

Target	Hsp60
Molecular Weight(Calculated)	60 kDa
Molecular Weight(Observed)	60 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	81F26
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:1000-1:4000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Heat-shock protein-60
Gene Name	*HSPD1*
Domain	NA
Background	Hsp60 (Heat shock protein 60) is a chaperonin family protein predominantly localized in mitochondrial matrix, with minor pools in cytoplasm and cell surface. It mediates folding and proper assembly of mitochondrially translated polypeptides to preserve mitochondrial architecture and oxidative respiration. Hsp60 expression rises under stress to counteract mitochondrial damage. Extracellularly released Hsp60 acts as damage-associated molecular pattern to trigger innate immune inflammation. Aberrant Hsp60 is linked to mitochondrial disorders, oncogenesis and autoimmune diseases.