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Anti-Hsp60 Mouse mAb [07B89]

Catalog No.: A33070

Basic Information

Catalog No. (Cat.No.)	A33070
Host species	Mouse
Reactivity	Human,Mouse,Rat
Applications	WB,ELISA
Synonyms	Hsp60,HSP60,HLD4,CPN60,GROEL,HSP60,HSP65,SPG13,HSP-60, HuCHA60

Product Information

Target	Hsp60
Molecular Weight(Calculated)	60 kDa
Molecular Weight(Observed)	NA
Isotype	IgG
Conjugation	NA
Concentration	1 mg/ml
Clonality	Monoclonal
Clone No.	07B89
RRID	NA
Storage buffer	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	1:1000-1:2000
ELISA	1:5000-1:20000

Target Information

Protein Name	Heat-shock-protein-60
Gene Name	*HSPD1*
Domain	Full length
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.