

Product datasheet for **TA389011**

Hsp60 (HSPD1) Mouse Monoclonal Antibody [Clone ID: 1C7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1C7
Applications:	ICC, IHC, WB
Recommended Dilution:	WB: 1:1000 ICC: 1:500-1:5000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant full length human HSP60 protein.
Specificity:	Specific for endogenous levels of the ~ 60 kDa HSP60 protein.
Formulation:	PBS + 50% glycerol and 5 mM Na ₃ N
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Stability:	After date of receipt, stable for at least 1 year at -20°C.
Predicted Protein Size:	60
Gene Name:	heat shock protein family D (Hsp60) member 1
Database Link:	Entrez Gene 3329 Human P10809
Background:	HSP60 is a member of the heat shock protein family which is thought to play a key role in mitochondrial protein transport and proper refolding of proteins imported from the cytoplasm into the mitochondrial matrix (Koll et al., 1992). More recently, HSP60 has been implicated in the pathogenesis of cardiovascular disease (Rizzo et al., 2011).
Synonyms:	chaperonin; CPN60; GROEL; HLD4; HSP-60; HSP60; HSP65; HuCHA60; SPG13



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Note: Protein G purified culture supernatant