

Mouse Monoclonal Antibody to HSP60

Catalogue Number	sAP-0544
Target Molecule	<p>Name: HSP60</p> <p>Aliases: HLD4; CPN60; GROEL; HSP60; HSP65; SPG13; HSP-60; HuCHA60; HSPD1</p> <p>MW: 61kDa</p> <p>Entrez Gene ID: 3329</p>
Description	<p>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 Ref-Seq)</p>
Immunogen	Purified recombinant fragment of human HSP60 expressed in E. Coli. ;
Reactive Species	Human; Rat; Mouse; Monkey
Clone	MM3G8;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Clin Exp Rheumatol. 2008 Nov-Dec;26(6):1107-10. ; 2. APMIS. 2008 Oct;116(10):888-95.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**