

Mouse Monoclonal Antibody to HSP70

Catalogue Number	sAP-0343
Target Molecule	<p>Name: HSP70</p> <p>Aliases: RY; APG-2; hsp70; hsp70RY; HS24/P52; MGC131852; HSPA4</p> <p>MW: 70kDa</p> <p>Entrez Gene ID: 3308</p>
Description	<p>This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins.</p>
Immunogen	Purified recombinant fragment of human HSP70 expressed in E. Coli.
Reactive Species	Human
Clone	MM5A6;
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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Hepatol. 2009 Apr;50(4):746-54. ; 2. Int J Gynecol Pathol. 2009 May;28(3):211-21.

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**