

Anti-HSP70 antibody [3G10] (STJ96944)

STJ96944

GENERAL INFORMATION

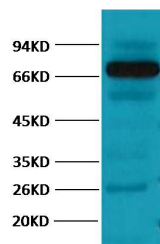
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Heat shock 70 kDa protein 1-like and OBSOLETE is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immunocytochemistry research applications.
Applications	WB, IHC-P, IF, ICC
Host/Source	Mouse
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

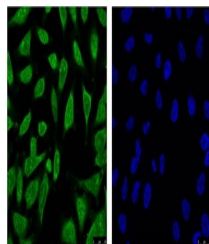
Clonality	Monoclonal
Clone ID	3G10
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:1000-2000 IF 1:100-200 IHC 1:50-300
Formulation	PBS, pH 7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

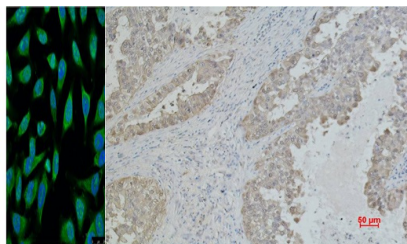
Gene ID	3305
Gene Symbol	HSPA1L
Uniprot ID	HS71L_HUMAN
Immunogen	Synthetic peptide of HSP70
Immunogen Region	
Specificity	HSP70 monoclonal antibody (Heat shock 70 kDa protein 1-like and OBSOLETE) binds to endogenous Heat shock 70 kDa protein 1-like and OBSOLETE.
Immunogen Sequence	



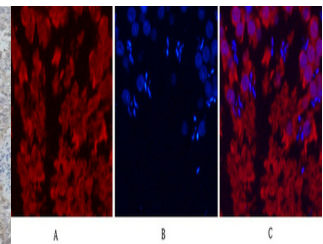
Western blot analysis of Pig Skeletal Muscle with HSP70 mAb diluted at 1:2,000.



IF analysis of HeLa with antibody (Left) and DAPI (Right) diluted at 1:100.



Immunohistochemical analysis of paraffin-embedded Human Lung carcinoma using Mouse mAb diluted at 1:500.



Immunofluorescence analysis of Rat-testis tissue. 1, HSP70 monoclonal antibody (3G10) (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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