

Anti-HSP70 antibody [3G10] (STJ96944)

STJ96944

GENERAL INFORMATION

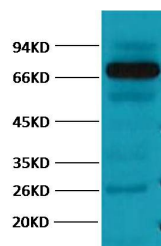
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Heat shock 70 kDa protein 1-like and OBSOLETE is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
Applications	WB/IHC/IF
Host/Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

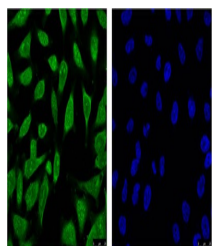
Clonality	Monoclonal
Clone ID	3G10
Concentration	
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	WB 1:1000-2000 IF 1:100-200 IHC 1:50-300
Formulation	Liquid in PBS pH7.4, 0.5% BSA, 0.02% Sodium 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

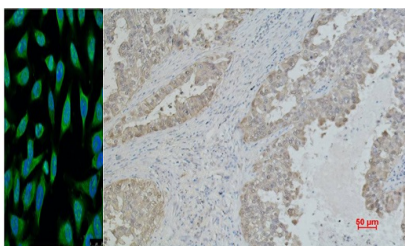
Gene ID	3305
Gene Symbol	HSPA1L
Uniprot ID	HS71L_HUMAN
Immunogen	Synthetic Peptide of HSP70
Immunogen Region	
Specificity	The antibody detects endogenous HSP70 proteins.
Immunogen Sequence	



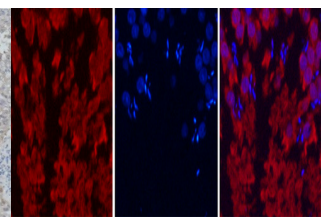
Western blot analysis of Pig Skeletal Muscle with HSP70 mAb diluted at 1:2,000.



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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