

Hsp20 Rabbit mAb
Catalog # AP77579**Specification**

Hsp20 Rabbit mAb - Product Information

Application	WB, IHC-P, FC
Primary Accession	O14558
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Hsp20
Purification	Affinity Chromatography
Calculated MW	Calculated MW: 17 kDa; Observed MW: 17 kDa

Hsp20 Rabbit mAb - Additional Information**Gene ID** 126393**Other Names**
HSPB6**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
FC~~1:10~50**Format**
Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**Hsp20 Rabbit mAb - Protein Information****Name** HSPB6**Function**
Small heat shock protein which functions as a molecular chaperone probably maintaining denatured proteins in a folding- competent state. Seems to have versatile functions in various biological processes. Plays a role in regulating muscle function such as smooth muscle vasorelaxation and cardiac myocyte contractility. May regulate myocardial angiogenesis implicating KDR. Overexpression mediates cardioprotection and angiogenesis after induced damage. Stabilizes monomeric YWHAZ thereby supporting YWHAZ chaperone-like activity.

Cellular Location

Cytoplasm. Nucleus. Secreted Note=Translocates to nuclear foci during heat shock

Hsp20 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Hsp20 Rabbit mAb - Images