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Biotin Conjugated-Phospho-HSP27/HSPB1-S78 Rabbit mAb

Catalog No.: AP1032BC Recombinant

Basic Information

Observed MW

Calculated MW
23 kDa

Category
Primary antibody

Applications
IHC-P

Cross-Reactivity
Human

CloneNo number
ARC1577

Conjugate
Biotin

Background

This gene encodes a member of the small heat shock protein (HSP20) family of proteins. In response to environmental stress, the encoded protein translocates from the cytoplasm to the nucleus and functions as a molecular chaperone that promotes the correct folding of other proteins. This protein plays an important role in the differentiation of a wide variety of cell types. Expression of this gene is correlated with poor clinical outcome in multiple human cancers, and the encoded protein may promote cancer cell proliferation and metastasis, while protecting cancer cells from apoptosis. Mutations in this gene have been identified in human patients with Charcot-Marie-Tooth disease and distal hereditary motor neuropathy.

Recommended Dilutions

IHC-P	1:50 - 1:200

Immunogen Information

Gene ID
3315

Swiss Prot
P04792

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
CMT2F; HMN2B; HSP27; HSP28; Hsp25; SRP27; HS.76067; HEL-S-102

Contact

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.