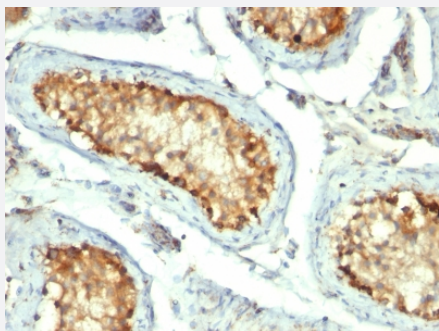


HSPD1 monoclonal antibody, clone GROEL/730

Catalog # MAB21068

Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Testicular Carcinoma using HSPD1 monoclonal antibody, clone GROEL/730.

Specification

Product Description Mouse monoclonal antibody raised against recombinant human HSPD1.

Immunogen Recombinant protein corresponding to human HSPD1.

Host Mouse

Reactivity Human

Form Liquid

Purification Protein A/G purification

Isotype IgG1, kappa

Recommend Usage
Flow Cytometry (0.5-1 ug/10⁶ cells in 0.1 mL)
Immunofluorescence (0.5-1ug/mL)
Immunohistochemistry (Formalin-fixed) (0.5-1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In 10 mM PBS.

Storage Instruction
Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Testicular Carcinoma using HSPD1 monoclonal antibody, clone GROEL/730.

- Immunofluorescence
- Flow Cytometry

Gene Info — HSPD1

Entrez GeneID [3329](#)

Protein Accession# [P10809](#)

Gene Name HSPD1

Gene Alias CPN60, GROEL, HLD4, HSP60, HSP65, HuCHA60, SPG13

Gene Description heat shock 60kDa protein 1 (chaperonin)

Omim ID [118190 605280](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the chaperonin family. The encoded mitochondrial protein may function as a signaling molecule in the innate immune system. This protein is essential for the folding and assembly of newly imported proteins in the mitochondria. This gene is adjacent to a related family member and the region between the 2 genes functions as a bidirectional promoter. Two pseudogenes, both located on chromosome 8, have been associated with this gene. Two transcript variants encoding the same protein have been identified for this gene. Mutations associated with this gene cause autosomal recessive spastic paraplegia 13. [provided by RefSeq]

Other Designations P60 lymphocyte protein|chaperonin|heat shock 60kD protein 1 (chaperonin)|heat shock protein 65|mitochondrial heat shock 60kD protein 1 variant 1|mitochondrial matrix protein P1|short heat shock protein 60 Hsp60s1|spastic paraplegia 13 (autosomal dominant)

Pathway

- [RNA degradation](#)
- [Type I diabetes mellitus](#)

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Spastic Paraplegia](#)