

# HPS3 mouse monoclonal antibody (hybridoma)

Catalog # H00084343-M

Size Up to 5 Clones

## Specification

|                               |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse monoclonal antibody raised against a full-length recombinant HPS3.                                                                                                                                                                                                                                                                                                       |
| Immunogen                     | HPS3 (AAH16901.1, 1 a.a. ~ 372 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                                                                                                                                                                                                           |
| Sequence                      | MFYVAEPKQVPHILCSPSMKNINPLTAMSYLRKLDTSGFSSILVLTKAVALKMGDLDMHRNEMKSHSEMKLVCGFILEPRLLIQQRKGQIVPTLALHLKETQPGLLVASVLGLQKNNKIGIEEADSFFKVLCAKDEDTIPQLLVDFWEAQLVACLPDVVLQELFFKLTSQYWRLSKRQPPDTPPLRTSEDLINACHYGLIYPWVHVVISDSLADKNYTEDLSKLQSLICGPSFDIASIIPFLEPLSEDTIAGLSVHVLCTRLKEYEQCIDILLERCPEAVIPYANHELKEENRTLWWKKLLPELCQRIKCGGEKYQLYLSSLKETLSIVA VELELKDFMNVLPEDGTATFFLPYLLYCSRKKPLT |
| Host                          | Mouse                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity                    | Human                                                                                                                                                                                                                                                                                                                                                                          |
| Interspecies Antigen Sequence | Mouse (80); Rat (81)                                                                                                                                                                                                                                                                                                                                                           |
| Quality Control Testing       | Antibody reactivity and specificity confirmed by ELISA and Western Blot.                                                                                                                                                                                                                                                                                                       |
| Deliverables                  | Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.                                                                                                                                                                                                                                                                                        |
| Note                          | Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.                                                                                                                                                                                     |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — HPS3

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">84343</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| GeneBank Accession# | <a href="#">BC016901.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Accession#  | <a href="#">AAH16901.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Name           | HPS3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Alias          | DKFZp686F0413, FLJ22704, SUTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Description    | Hermansky-Pudlak syndrome 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Omim ID             | <a href="#">203300</a> <a href="#">606118</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Summary        | This gene encodes a protein containing a potential clathrin-binding motif, consensus dileucine signals, and tyrosine-based sorting signals for targeting to vesicles of lysosomal lineage. The encoded protein may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 3. Alternate splice variants exist, but their full length sequence has not been determined. [provided by RefSeq] |
| Other Designations  | Hermansky-Pudlak syndrome 3 protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Disease

- [Albinism](#)
- [Hermanski-Pudlak Syndrome](#)