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**Product Name: KD-Validated HNRNPH1 Mouse Monoclonal Antibody****Catalog #: KVA00424**

For research use only.

**Summary**

|                     |                                                                             |
|---------------------|-----------------------------------------------------------------------------|
| <b>Description</b>  | KO&KD-Validated antibody                                                    |
| <b>Host</b>         | Mouse                                                                       |
| <b>Application</b>  | WB,FCM                                                                      |
| <b>Reactivity</b>   | Human,Mouse,Rat                                                             |
| <b>Conjugation</b>  | Unconjugated                                                                |
| <b>Modification</b> | Unmodified                                                                  |
| <b>Isotype</b>      | Mouse IgG1                                                                  |
| <b>Clonality</b>    | Mouse mAb                                                                   |
| <b>Form</b>         | Liquid                                                                      |
| <b>Storage</b>      | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| <b>Shipping</b>     | Ice bags                                                                    |
| <b>Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.   |
| <b>Purification</b> | Affinity purification                                                       |

**Application**

|                         |                                    |
|-------------------------|------------------------------------|
| <b>Dilution Ratio</b>   | WB 1:500-1:2,500; FC 1:200-1:2,000 |
| <b>Molecular Weight</b> | Calculated MW: 49.2kDa             |

**Antigen Information**

|                          |                                                                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | HNRNPH1<br>HNRNPH1; Heterogeneous Nuclear Ribonucleoprotein H1; Heterogeneous Nuclear                                                                      |
| <b>Alternative Names</b> | Ribonucleoprotein H; HnRNPH; HNRPH1; Heterogeneous Nuclear Ribonucleoprotein H1 (H);<br>HNRPH; Epididymis Secretory Sperm Binding Protein; HnRNP H; NEDCDS |
| <b>Gene ID</b>           | 3187.0                                                                                                                                                     |
| <b>SwissProt ID</b>      | P31943                                                                                                                                                     |
| <b>Immunogen</b>         | Recombinant protein of human HNRNPH1                                                                                                                       |

**Background**

This gene encodes a member of a subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA. These proteins are associated with pre-

mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some may shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNA and is very similar to the family member HNRPF. This gene may be associated with hereditary lymphedema type I. Alternatively spliced transcript variants have been described [provided by RefSeq, Mar 2012]

## Research Area

Cell Biology

## Image Data

