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HSET / KIFC1 Antibody (clone 2B9)

Mouse Monoclonal Antibody
Catalog # ALS14064

Specification

HSET / KIFC1 Antibody (clone 2B9) - Product Information

Application	**IF**
Primary Accession	Q9BW19
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**74kDa KDa**

HSET / KIFC1 Antibody (clone 2B9) - Additional Information

Gene ID 3833

Other Names
Kinesin-like protein KIFC1, Kinesin-like protein 2, Kinesin-related protein HSET, KIFC1, HSET, KNSL2

Target/Specificity
Human KIFC1

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
HSET / KIFC1 Antibody (clone 2B9) is for research use only and not for use in diagnostic or therapeutic procedures.

HSET / KIFC1 Antibody (clone 2B9) - Protein Information

Name KIFC1

Synonyms HSET, KNSL2

Function
Minus end-directed microtubule-dependent motor required for bipolar spindle formation (PubMed:15843429). May contribute to movement of early endocytic vesicles (By similarity). Regulates cilium formation and structure (By similarity).

Cellular Location
Nucleus {ECO:0000250|UniProtKB:Q9QWT9}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:Q9QWT9}. Cytoplasm, cytoskeleton, spindle {ECO:0000250|UniProtKB:Q9QWT9}. Early endosome {ECO:0000250|UniProtKB:Q9QWT9}. Note=Associated with nucleus during interphase, centrosomes in early and spindle in later mitosis {ECO:0000250|UniProtKB:Q9QWT9}

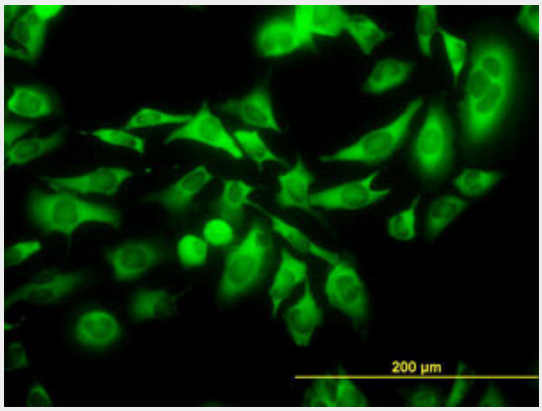
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HSET / KIFC1 Antibody (clone 2B9) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HSET / KIFC1 Antibody (clone 2B9) - Images



Immunofluorescence of monoclonal antibody to KIFC1 on HeLa cells.

HSET / KIFC1 Antibody (clone 2B9) - Background

Minus end-directed microtubule-dependent motor required for bipolar spindle formation. May contribute to movement of early endocytic vesicles.

HSET / KIFC1 Antibody (clone 2B9) - References

Janitz K.,et al.Immunogenetics 49:644-652(1999).
Mungall A.J.,et al.Nature 425:805-811(2003).
Ando A.,et al.Immunogenetics 39:194-200(1994).
Zhu C.,et al.Mol. Biol. Cell 16:3187-3199(2005).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).