

HSET / KIFC1 Antibody (clone 2B9)
Mouse Monoclonal Antibody
Catalog # ALS14064**Specification**

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

Application	IF
Primary Accession	O9BW19
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

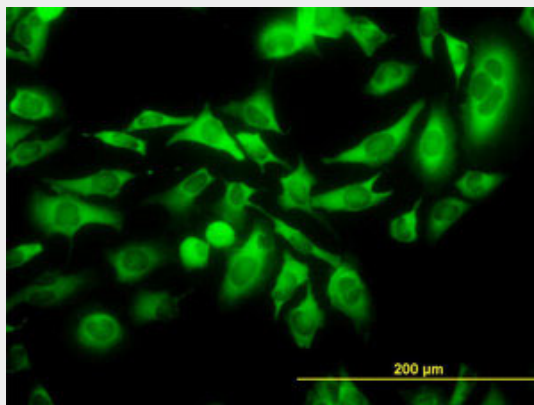
Nucleus {ECO:0000250|UniProtKB:Q9QWT9}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:Q9QWT9}. Cytoplasm, cytoskeleton, spindle {ECO:0000250|UniProtKB:Q9QWT9}. Early endosome {ECO:0000250|UniProtKB:Q9QWT9}. Note=Associated with nucleus during interphase, centrosomes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

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 Cytometry](#)
- [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).