



Eg5 (Kinesin-like Protein KIF11, Kinesin-related Motor Protein Eg5, Kinesin-like Spindle Protein HKSP, Thyroid Receptor Interacting Protein 5, TRIP5, Kinesin-like Protein 1, KNSL1)

Catalog number

E2213-96

Supplier

United States Biological

Eg5 is a mitotic motor protein required for bipolar spindle formation. The mitotic spindle is crucial for chromosome segregation during cell division.

Applications

Suitable for use in Immunofluorescence, Western Blot and Immunoprecipitation. Other applications not tested.

Recommended Dilution

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot Store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

Produced by immunization of rabbits with a recombinant segment of the coiled-coil domain of the human protein.

Formulation

As reported

Purity

Serum

Specificity

This antibody is specific for Eg5. Species Crossreactivity: Reactive to most mammalian species.

Product Type

Pab

Source

human

Isotype



IgG

Grade

Serum

Applications

IF IP WB

Crossreactivity

Hu

Storage

-20°C

Reference

1. Nick P. Ferenz and Patricia Wadsworth, (2007) Mol. Biol. Cell Aug; 10:1091/mbc.E07-05-0420.