

Anti-Eg5 Antibody (4H3-1F12)
Human Monoclonal Antibody
Catalog # ABV12040**Specification**

Anti-Eg5 Antibody (4H3-1F12) - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | P52732 |
| Reactivity | Human |
| Host | Human |
| Clonality | Monoclonal |
| Isotype | Mouse IgG1 |

Anti-Eg5 Antibody (4H3-1F12) - Additional Information**Gene ID** 3832**Application & Usage****WB: MCSF, 293T, Jurkat, HeLa cell lysates;
IP: Jurkat cells; IF: HeLa cells****Other Names**

EG5, HKSP, KNSL1, TRIP5

Target/Specificity

KIF11

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

In PBS (pH 7.4) containing with 0.02% sodium azide and 50% glycerol

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Anti-Eg5 Antibody (4H3-1F12) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Eg5 Antibody (4H3-1F12) - Protein Information

Name KIF11

Synonyms EG5, KNSL1, TRIP5

Function

Motor protein required for establishing a bipolar spindle and thus contributing to chromosome congression during mitosis (PubMed:19001501, PubMed:37728657). Required in non-mitotic cells for transport of secretory proteins from the Golgi complex to the cell surface (PubMed:23857769).

Cellular Location

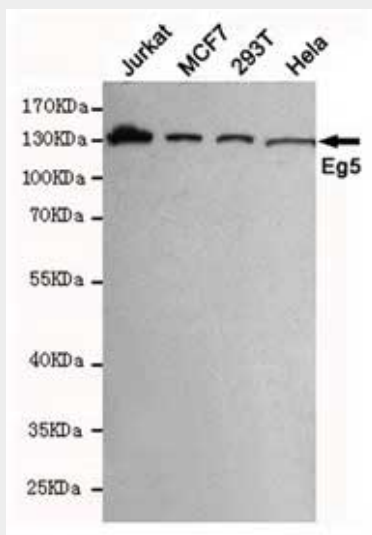
Cytoplasm. Cytoplasm, cytoskeleton, spindle pole

Anti-Eg5 Antibody (4H3-1F12) - 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](#)

Anti-Eg5 Antibody (4H3-1F12) - Images



Western blot detection of Eg5 in MCF7,293T,Jurkat and HeLa cell lysates using Eg5 mouse mAb (1:1000 diluted)

Anti-Eg5 Antibody (4H3-1F12) - Background

Eg5 gene encodes a motor protein that belongs to the kinesin-like protein family. Members of this protein family are known to be involved in various kinds of spindle dynamics. The function of this

gene product includes chromosome positioning, centrosome separation and establishing a bipolar spindle during cell mitosis.