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anti-KIF11 antibody (N-Term)



Images



Go to Product page

| Overview | |
|----------------------|---|
| Quantity: | 0.4 mL |
| Target: | KIF11 |
| Binding Specificity: | AA 109-139, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KIF11 antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide between 109~139 amino acids from the N-terminal region of human KIF11 |
|---------------|--|
| Isotype: | lg Fraction |
| Specificity: | This antibody recognizes Human KIF11 (N-term). |
| Purification: | Protein A column, followed by peptide affinity purification |

Target Details

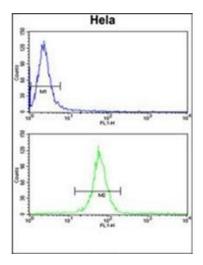
| Target: | KIF11 |
|-------------------|------------------------|
| Alternative Name: | KIF11 (KIF11 Products) |

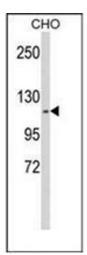
Target Details

Storage Comment:

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|---------------------|---|
| Background: | KIF11 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. Synonyms: EG5, KIF11, KNSL1, Kinesin-like protein 1, Kinesin-like protein KIF11, Kinesin-like spindle protein HKSP, Kinesin-related motor protein Eg5, TRIP-5, TRIP5, Thyroid receptor-interacting protein 5 |
| Molecular Weight: | 119159 Da |
| Gene ID: | 3832 |
| NCBI Accession: | NP_004514 |
| Application Details | |
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 0.25 mg/mL |
| Buffer: | PBS containing 0.09 % (W/V) Sodium Azide as preservative |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| | |

Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.





Flow Cytometry

Image 1. Flow cytometry analysis of Hela cells using KIF11

Antibody (N-term) Cat.-No AP52363PU-N (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human lung carcinoma reacted with KIF11 Antibody (Nterm) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Western Blotting

Image 3. Western blot analysis of KIF11 Antibody (N-term) in CHO cell line lysates (35ug/lane). KIF11 (arrow) was detected using the purified Pab.