

## Summary

|                        |                                |
|------------------------|--------------------------------|
| <b>Production Name</b> | Eg5 Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal antibody     |
| <b>Host</b>            | Rabbit                         |
| <b>Application</b>     | WB,IHC-F,IHC-P,ICC/IF,IP       |
| <b>Reactivity</b>      | Human                          |

## Performance

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                             |
| <b>Modification</b> | Unmodified                                                                               |
| <b>Isotype</b>      | IgG                                                                                      |
| <b>Clonality</b>    | Monoclonal                                                                               |
| <b>Form</b>         | Liquid                                                                                   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA    |
| <b>Purification</b> | Affinity Purification                                                                    |

## Immunogen

|                          |                                                                                                                                                                                                                              |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | KIF11                                                                                                                                                                                                                        |
| <b>Alternative Names</b> | KIF11; EG5; KNSL1; TRIP5; Kinesin-like protein KIF11; Kinesin-like protein 1; Kinesin-like spindle protein HKSP; Kinesin-related motor protein Eg5; Thyroid receptor-interacting protein 5; TR-interacting protein 5; TRIP-5 |
| <b>Gene ID</b>           | 3832                                                                                                                                                                                                                         |
| <b>SwissProt ID</b>      | P52732.                                                                                                                                                                                                                      |

## Application

|                         |                                                          |
|-------------------------|----------------------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20 |
| <b>Molecular Weight</b> | Calculated MW: 119 kDa; Observed MW: 119 kDa             |

**Product Name: Eg5 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02982**



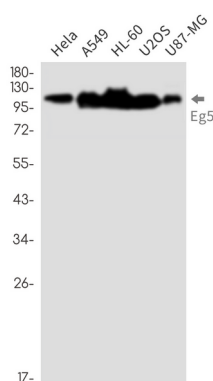
## Background

Motor protein required for establishing a bipolar spindle. Blocking of KIF11 prevents centrosome migration and arrest cells in mitosis with monoastal microtubule arrays.

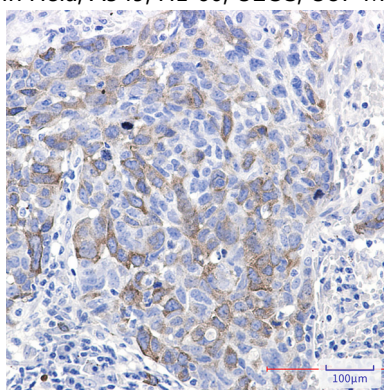
## Research Area

Signal Transduction

## Image Data



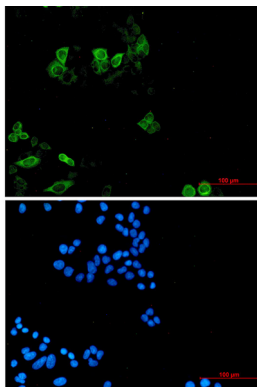
Western blot analysis of Eg5 in HeLa, A549, HL-60, U2OS, U87-MG lysates using Eg5 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Eg5 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunocytochemistry analysis of Eg5 (green) in HeLa using Eg5 antibody, and DAPI (blue)

### **Note**

For research use only.