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**Product Name: CD99 Rabbit Monoclonal Antibody****Catalog #: AMRe02935**

For research use only.

**Summary**

|                      |  |
|----------------------|--|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody   |
| <b>Host</b>          | Rabbit   |
| <b>Application</b>   | WB,IHC,IF,IP,ELISA   |
| <b>Reactivity</b>    | Human,Mouse,Rat  |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Modification</b>  | Unmodified   |
| <b>Isotype</b>       | IgG  |
| <b>Clonality</b>     | Monoclonal   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> | 0.3mg/ml. The concentration of this product may be batch-dependent.                                  |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                          |
| <b>Shipping</b>      | Ice bags   |
| <b>Buffer</b>        | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b>  | Affinity Purification  |

**Application**

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | IHC 1:200-1:1000;WB 1:500-1:2000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200, |
| <b>Molecular Weight</b> | Calculated MW: 19 kDa; Observed MW: 30 kDa   |

**Antigen Information**

|                          |                                   |
|--------------------------|-----------------------------------|
| <b>Gene Name</b>         | CD99                              |
| <b>Alternative Names</b> | MIC2; HBA71; MIC2X; MIC2Y; MSK5X  |
| <b>Gene ID</b>           | 4267                              |
| <b>SwissProt ID</b>      | P14209                            |
| <b>Immunogen</b>         | A synthetic peptide of human CD99 |

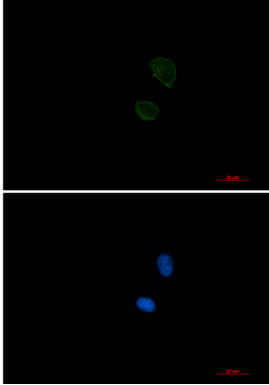
**Background**

Involved in T-cell adhesion processes. It is involved in spontaneous rosette formation with erythrocytes.

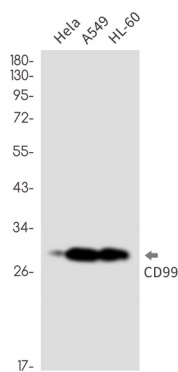
## Research Area

Immunology

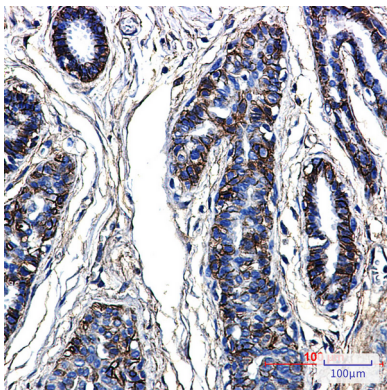
## Image Data



Immunocytochemistry analysis of CD99 (green) in HeLa using CD99 antibody, and DAPI (blue).



Western blot analysis of CD99 in HeLa, A549, HL-60 lysates using CD99 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using CD99 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.