



# NKp46 Monoclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | YP-mAb-13952                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>          | NCR1                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Name</b>       | Natural cytotoxicity triggering receptor 1                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human NCR1. AA range:145-194                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>        | NKp46 Monoclonal Antibody detects endogenous levels of NKp46 protein.                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>             | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification</b>       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                               |
| <b>Dilution</b>           | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>           | NCR1; LY94; Natural cytotoxicity triggering receptor 1; Lymphocyte antigen 94 homolog; NK cell-activating receptor; Natural killer cell p46-related protein; NK-p46; NKp46; hNKp46; CD antigen CD335                                                                                                                                                                                                                                                               |
| <b>Observed Band</b>      | 40kD                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cell Pathway</b>       | Cell membrane ; Single-pass type I membrane protein .                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Tissue Specificity</b> | Selectively expressed by both resting and activated NK cells.                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Function</b>           | function:Cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis.,PTM:N-glycosylated.,PTM:O-glycosylated.,similarity:Belongs to the natural cytotoxicity receptor (NCR) family.,similarity:Contains 2 Ig-like (immunoglobulin-like) domains.,subunit:Interacts with CD3Z and FCER1G.,tissue specificity:Selectively expressed by both resting and activated NK cells., |
| <b>Background</b>         | function:Cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis.,PTM:N-glycosylated.,PTM:O-glycosylated.,similarity:Belongs to the natural cytotoxicity receptor (NCR) family.,similarity:Contains 2 Ig-like (immunoglobulin-like) domains.,subunit:Interacts with CD3Z and FCER1G.,tissue specificity:Selectively expressed by both resting and activated NK cells., |



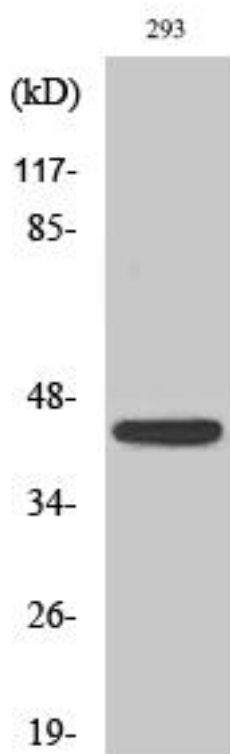
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western Blot analysis of various cells using NKp46 Monoclonal Antibody