

## NCR2

### Mouse Anti-Human NKp44 Clone 8F12 mAb

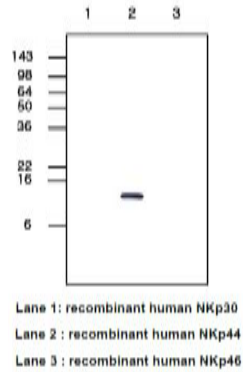
|                                 |   |                  |                 |
|---------------------------------|---|------------------|-----------------|
| <b>Catalog No.</b>              | CSI15549A<br>CSI15549B  | <b>Quantity:</b> | 50 µl<br>100 µl |
| <b>Alternate Names:</b>         | CD336, LY95, NK-p44, NKP44, dJ149M18.1, NK cell activating receptor (NKp44), lymphocyte antigen 95 (activating NK-receptor; NK-p44), lymphocyte antigen 95 homolog (activating NK-receptor; NK-p44)   |                  |                 |
| <b>Description:</b>             | NKp44 (NCR2) is a member of the natural cytotoxicity receptor (NCR) family that is expressed on activated human NK cells. NKp44 displays a single extracellular Ig-like V domain and a transmembrane portion containing the charged residue (Lysine), likely involved in the association with KARAP/DAP12 molecules. Gene coding for NKp44 maps on human chromosome 6p21.1. |                  |                 |
| <b>Concentration:</b>           | 1 mg/ml   |                  |                 |
| <b>Gene ID:</b>                 | 9436  |                  |                 |
| <b>Protein Accession No.:</b>   | NP_004819   |                  |                 |
| <b>Immunogen:</b>               | Recombinant human NKp44 extracellular domain (residues 19-130) purified from <i>E. coli</i>   |                  |                 |
| <b>Isotype:</b>                 | Mouse IgG <sub>3</sub> heavy chain and κ light chain  |                  |                 |
| <b>Clone:</b>                   | Anti-human NKp44 mAb, clone 8F12, is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human NKp44 protein.   |                  |                 |
| <b>Formulation:</b>             | Liquid. Supplied in Phosphate-Buffered Saline (pH 7.4) with 0.1% Sodium Azide.<br><b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.   |                  |                 |
| <b>Applications:</b>            | ELISA, WB   |                  |                 |
| <b>Application Notes:</b>       | The antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 2,000.<br>Recommended starting dilution is 1:1,000.                              |                  |                 |
| <b>Storage &amp; Stability:</b> | Can be stored at +4°C. For long term storage, aliquot and store at -20°C. <b>Avoid</b>  |                  |                 |



## repeated freezing and thawing cycles.

### Western blot analysis

Human recombinant proteins, NKp30, NKp44, and NKp46 (each 20ng per well) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human NKp44 (1:1,000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

