

Product datasheet for **AM60015PU-S**

Ncr1 Rat Monoclonal Antibody [Clone ID: 29A1.4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	29A1.4
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/10-1/20 diluted antibody to label 1 ⁰ cells in 100 µl.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	NKP46-IgG1 Fc fusion protein
Specificity:	This antibody (clone 29A1.4) recognizes natural killer cell p46 related protein (NKp46) also known as CD335. Staining is not strain specific and the antibody has been used to stain C57BL/6, SJL, CBA/CA and BALB/c mouse strains. Clone 29A1.4 also activates NK cells <i>in vitro</i> . It does not deplete NK cells <i>in vivo</i> .
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	natural cytotoxicity triggering receptor 1
Database Link:	Entrez Gene 17086 Mouse Q8C567



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- Background:** CD335 is uniquely expressed by resting and activated natural killer (NK) cells, but no expression of CD335 has been detected on B cells, T cells, monocytes or granulocytes. It is a major NK cell lysis receptor for autologous pathogen-infected and tumor target cells during natural cytotoxicity responses. Ligands of CD335 include viral hemagglutinins (HAs) and heparan sulfate proteoglycans (HSPGs) on the surface of tumor cells.
- Synonyms:** NCR1, LY94, NKp46