

Product datasheet for **SM2227R**

NCR1 Mouse Monoclonal Antibody [Clone ID: AKS1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AKS1
Applications:	FC
Recommended Dilution:	Flow Cytometry: neat- 1/5; use 10 µl of the suggested working dilution to label 10 ⁶ cells in 100 µl. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors.
Reactivity:	Bovine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein consisting of the extracellular region of bovine CD335. Spleen cells from immunised Balb/c mice were fused with cells of the NS-0 myeloma cell line.
Specificity:	This antibody is specific for CD335, also known as NKp46 and Natural cytotoxicity triggering receptor 1. Clone AKS1 is reported to activate lysis of FcγR-expressing cell line P815, by IL-2 activated NKp46+ cells.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer Label: PE State: Lyophilised purified IgG fraction. Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1 ml distilled water
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.



[View online »](#)

Database Link: [Entrez Gene 369024 Bovine Q863H2](#)

Background: CD335 is a type I transmembrane protein, with two extracellular C2-type immunoglobulin-like domains, which functions as an activating receptor. CD335 is primarily expressed by a subset natural killer (NK) cells. No expression of CD335 has been detected on B cells, T cells, monocytes or granulocytes.

Synonyms: NCR1, LY94, NKp46