

Product datasheet for **SM2091F**

NKG2A/C/E Rat Monoclonal Antibody [Clone ID: 20d5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	20d5
Applications:	FC
Recommended Dilution:	Flow Cytometry: Neat - 1/5; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl; The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	CHO transfected cells expressing the B6 allele of NKG2A. Spleen cells from immunised Lewis rats were fused with cells of the mouse P3X63-Ag8.653 myeloma cell line.
Specificity:	This antibody recognises NKG2A, NKG2C and NKG2E, which are isoforms of the NKG2 lectin-like family. Clone 20d5 is reported to block ligand binding to the receptor. We recommend the use of SM2091LE for this purpose.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.



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- Background:** In mice, NKG2 subunits associate with CD94 to form heterodimers at the surface of natural killer (NK) cells. The CD94/NKG2 heterodimer is the receptor for a non-classical MHC class I ligand, which is Qa-1 in the mouse.
- Synonyms:** CD159a, CD159c, CD159e, NKG2 lectin-like family