

Product datasheet for **SM2269P**

Fas Ligand (FASLG) Mouse Monoclonal Antibody [Clone ID: 14C2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	14C2
Applications:	ELISA, FC, IP
Recommended Dilution:	ELISA: This clone may be used in a Sandwich ELISA in combination with clone 14F2. Immunoprecipitation. Flow Cytometry: Use 10 µl of 1/25-1/50 diluted antibody to label 1x10 ⁶ cells in 100 µl (Results maybe enhanced using membrane permeabilisation).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Spleen cells from immunised BALB/c mice were fused with cells of the P3U1 myeloma cell line.
Specificity:	This antibody recognises the CD178 cell surface antigen. Clone 14C2 is not reported to have a blocking function. We recommend the use of SM2268LE for functional studies.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Database Link:	Entrez Gene 356 Human P48023



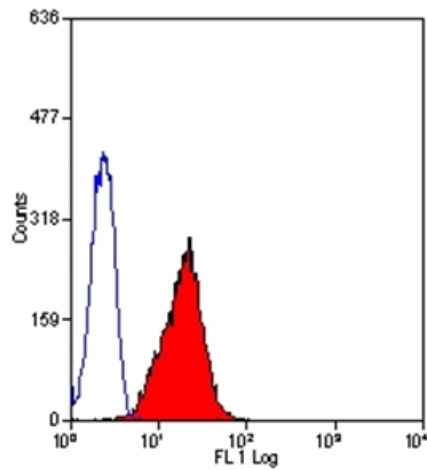
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Background:

CD178 is a 40kDa glycoprotein also known as Fas ligand (CD95L). CD178 is a member of the TNF family, which is expressed by activated T lymphocytes and NK cells. The protein may exist as either a membrane bound or a cleaved soluble form. CD178 plays an important role in T cell development cytotoxicity. Binding of CD178 to Fas (CD95) results in the induction of apoptosis.

Synonyms:

FASLG, APT1LG1, FASL, TNFSF6, CD95L protein, APTL

Product images:


Staining of permeabilised Jurkat cells with Mouse Anti Human CD178 antibody