

Product datasheet for **SM2268PS**

Fas Ligand (FASLG) Mouse Monoclonal Antibody [Clone ID: 10F2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	10F2
Applications:	ELISA, FC, IP
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/25-1/50 diluted antibody to label 1x10 ⁶ cells in 100 µl. ELISA. Immunoprecipitation.
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. This antibody may be used in combination with clone 14C2 (MCA2409) in ELISA assays. Clone 10F2 is reported to block the activity of Fas ligand. We recommend the use of SM2268LE for such 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.
Gene Name:	Fas ligand
Database Link:	Entrez Gene 356 Human P48023



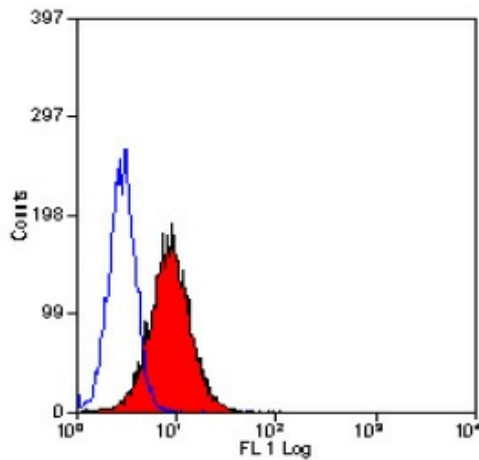
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Background:

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 and 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 CD178 transfected CHO cells with
Mouse Anti Human CD178