

Product datasheet for **SM2269PS**

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

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | 14C2 |
| Applications: | ELISA, FC, IP |
| Recommended Dilution: | Flow Cytometry: 1/25 - 1/50; use 10 µl of the suggested working dilution to label 106 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 10F2 (SM2268P) in ELISA assays. 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 State: Purified State: Liquid purified IgG |
| 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 cytotoxicity. Binding of CD178 to Fas (CD95) results in the induction of apoptosis.

Synonyms:

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