

Product datasheet for **SM1846P**

CD229 (LY9) Mouse Monoclonal Antibody [Clone ID: HLy 9.1.25]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | HLy 9.1.25 |
| Applications: | FC, IP |
| Recommended Dilution: | Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 10e6 cells. Immunoprecipitation. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Mouse pre-B cell line 300.19 transfected with CD229 cDNA. |
| Specificity: | This antibody recognizes the CD229 cell surface antigen, a 100-120kD cell surface glycoprotein that is the homologue of murine Ly-9. |
| Formulation: | PBS containing 0.09% Sodium Azide 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: | lymphocyte antigen 9 |
| Database Link: | Entrez Gene 4063 Human Q9HBG7 |
| Background: | CD229 is a member of the immunoglobulin superfamily and may have a function in cell signalling. The antigen is expressed at low levels by mature T and B lymphocytes and at higher levels by single-positive thymocytes. Expression at variable levels is also seen in some cell lines, such as Daudi, U937 and HUT78. |



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Synonyms: Ly-9