

Product datasheet for **TA386135**

MHC I Rat Monoclonal Antibody [Clone ID: R1-9.6]

Product data:

| | |
|----------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | R1-9.6 |
| Applications: | IF, IP, R |
| Reactivity: | Mouse |
| Host: | Rat |
| Isotype: | IgG2a, kappa |
| Clonality: | Monoclonal |
| Immunogen: | This antibody was raised by immunising Lewis 1F rats with mouse CH-1 lymphoma cells. Spleen cells from immunised rats were fused with X-63Ag8-653 myeloma cells to generate hybridomas. |
| Specificity: | <p>This antibody is specific for murine MHC class I, and binds to polymorphic H-2 determinants expressed on most haplotypes. This antibody is, therefore, able to bind all H-2 class I molecules, independent of the allele. This antibody recognises a determinant distinct from those detected by most common mouse monoclonal anti-H-2 antibodies.</p> <p>This antibody binds murine H-2 MHC class I molecules, and has been used in both structural and biochemical studies. This antibody has been used in immunoprecipitation analysis (Robinson, 1987), and in immunofluorescence assays for MHC-I surface expression (Karacsanyi et al, 2004) and MHC-I endocytosis (Knorr et al, 2009). This antibody has also been employed to induce clustering of cell surface MHC-I in co-patching assays (Knorr et al, 2009). Cellular radioimmune assays have been used to confirm the binding of this antibody to spleen cells, and assess its strain specificity (Koch et al, 1983).</p> |
| Formulation: | PBS with 0.02% Proclin 300. |
| Concentration: | lot specific |
| Conjugation: | Unconjugated |
| Storage: | Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles. |
| Stability: | 3 years from dispatch. |



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