

## Product datasheet for **AM50242PU-S**

### CD6 Mouse Monoclonal Antibody [Clone ID: C6/372]

#### Product data:

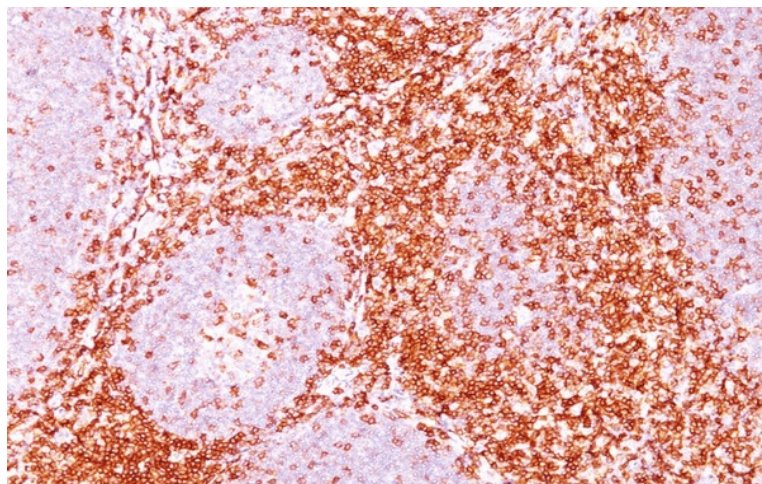
|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Clone Name:           | C6/372  |
| Applications:         | FC, IF, IHC, IP, WB   |
| Recommended Dilution: | <b>ELISA:</b> Use BSA free Antibody for coating.<br><b>Flow Cytometry:</b> 0.5-1 µg/million cells.<br><b>Immunofluorescence:</b> 0.5-1 µg/ml.<br><b>Immunoprecipitation:</b> 0.5-1 µg/500 µg protein.<br><b>Western Blotting:</b> 0.5-1 µg/ml.<br><b>Immunohistochemistry on Frozen and Formalin-Fixed Paraffin Sections:</b> 0.5-1 µg/ml for 30 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.<br><b>Positive Control:</b> CCRF-CEM, Jurkat cells, Tonsil.   |
| Reactivity:           | Human   |
| Host:                 | Mouse   |
| Isotype:              | IgG1  |
| Clonality:            | Monoclonal  |
| Immunogen:            | Human recombinant CD6 protein.  |
| Specificity:          | CD6 is a type I transmembrane glycoprotein that contains a 24-amino acid signal sequence, three extracellular "scavenger receptor cysteine-rich" (SRCR) domains, a membrane-spanning domain and a 44-amino acid cytoplasmic domain. The CD6 glycoprotein is tyrosine phosphorylated during TCR-mediated T cell activation. CD6 shows significant homology to CD5. CD6 is present on mature thymocytes, peripheral T cells and a subset of B cells. Antibodies to CD6 are used to deplete T cells from bone marrow transplants to prevent graft versus host disease.<br><b>Cellular Localization:</b> Cell surface and cytoplasmic |
| Formulation:          | 10mM PBS<br>State: Purified<br>State: Liquid purified IgG fraction from Bioreactor Concentrate<br>Stabilizer: 0.05% BSA<br>Preservative: 0.05% Sodium Azide   |



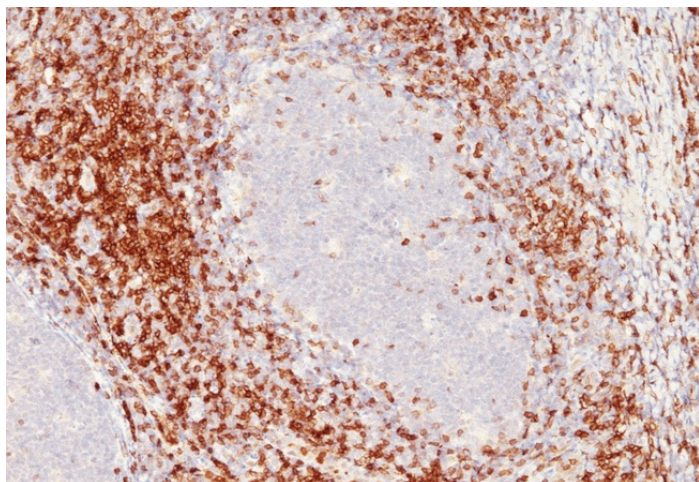
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|                         |  |
|-------------------------|--|
| Concentration:          | lot specific                                 |
| Purification:           | Protein A/G Chromatography                   |
| Conjugation:            | Unconjugated                                 |
| Storage:                | Store undiluted at 2-8°C.                    |
| Stability:              | Shelf life: one year from despatch.          |
| Predicted Protein Size: | 90-130 kDa                                   |
| Gene Name:              | CD6 molecule                                 |
| Database Link:          | <a href="#">Entrez Gene 923 Human P30203</a> |
| Synonyms:               | T12, TP120                                   |

### Product images:



Formalin-Paraffin tonsil (10X) stained with CD6 Antibody (Clone C6/372).



Formalin-Paraffin tonsil (20X) stained with CD6 Antibody (Clone C6/372).