

Product datasheet for **TA501376AM**

CD5 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2B8]

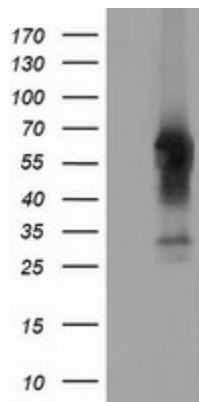
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2B8 |
| Applications: | FC, IF, IHC, WB |
| Recommended Dilution: | WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human CD5 (NP_055022) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Biotin |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 54.4 kDa |
| Gene Name: | CD5 molecule |
| Database Link: | NP_055022 Entrez Gene 921 Human P06127 |
| Synonyms: | LEU1; T1 |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | Hematopoietic cell lineage |

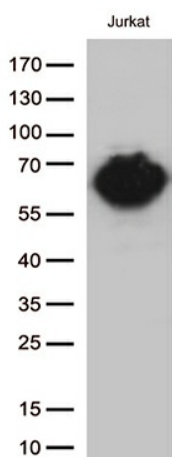


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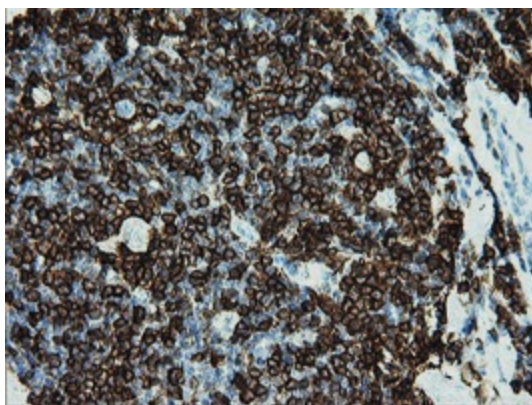
Product images:



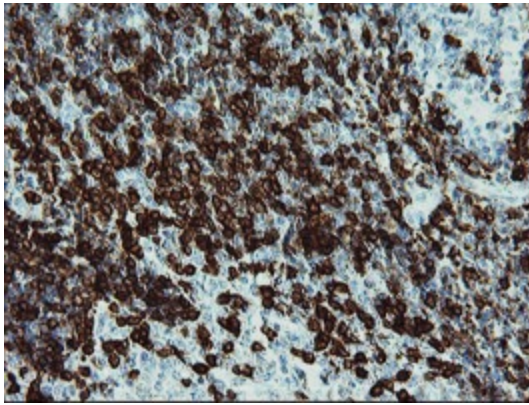
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD5 ([RC206494], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD5. Positive lysates [LY415443] (100ug) and [LC415443] (20ug) can be purchased separately from OriGene.



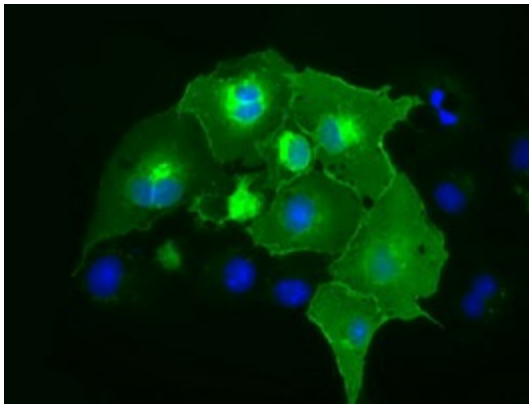
Western blot analysis of extracts (35ug) from 1 cell line lysate by using anti-CD5 monoclonal antibody (1:500).



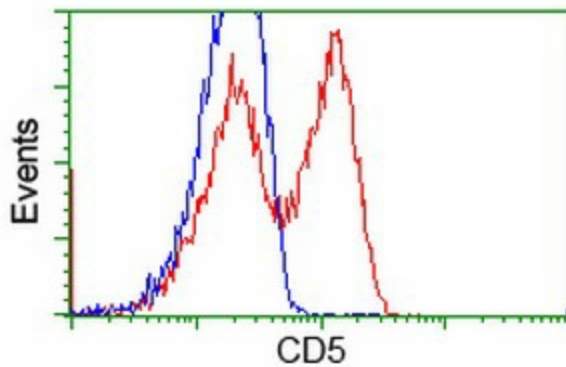
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-CD5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501376])



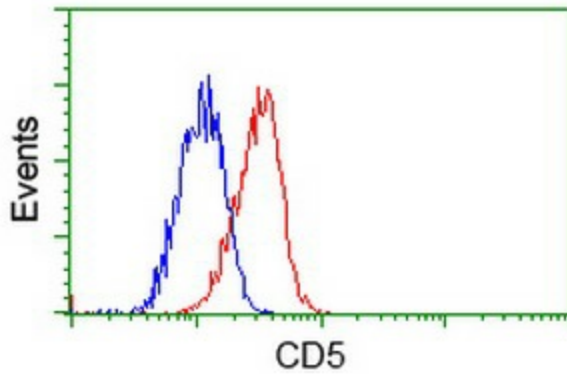
Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-CD5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501376])



Anti-CD5 mouse monoclonal antibody ([TA501376]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CD5 ([RC206494]).



HEK293T cells transfected with either [RC206494] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-CD5 antibody ([TA501376]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using anti-CD5 antibody (TA501376), (Red), compared to a nonspecific negative control antibody, (Blue).