

Goat anti-IL3RA / CD123 Antibody

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| Item Number | dAP-3224 |
| Target Molecule | Principle Name: IL3RA / CD123; Official Symbol: IL3RA; All Names and Symbols: IL3RA; interleukin 3 receptor, alpha (low affinity); CD123; IL3R; IL3RAY; IL3RX; IL3RY; hIL-3Ra; CD123 antigen; IL-3 receptor alpha SP2 isoform; IL-3 receptor subunit alpha; IL-3R subunit alpha; IL-3R-alpha; IL-3RA; interleukin-3 receptor subunit alpha; Accession Number (s): NP_002174.1; NP_001254642.1; Human Gene ID(s): 3563; Non-Human GeneID(s): |
| Immunogen | RQQYECLHYKTD, is from internal region This antibody is expected to recognize both reported isoforms (NP_002174.1; NP_001254642.1). |
| Applications | Pep ELISA, WB Species Tested: Human |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 128000. |
| Western Blot | Western Blot: Approx 43kDa band observed in lysates of cell lines Jurkat and Molt4 (calculated MW of 43.3kDa according to NP_002174.1). Recommended concentration: 1-3µg/ml. |
| IHC | |
| Reference | Reference(s): Shi J, Ikeda K, Maeda Y, Shinagawa K, Ohtsuka A, Yamamura H, Tanimoto M. Identification of CD123+ myeloid dendritic cells as an early-stage immature subset with strong tumorigenic potential. Cancer letters 2008 Oct 270 (1): 19-29..PMID: 18555589-> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**