

Product datasheet for **AP26335PU-N**

LY75 (LY75-CD302) Chicken Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on frozen sections: 2-5µg/ml (1:80 - 1:200). Immunohistochemistry on paraffin sections: 2-5µg/ml (1:80-1:200). Proteinase K pretreatment for antigen retrieval is recommended. Suggested positive control: Human tonsil or skin sections.
Reactivity:	Human
Host:	Chicken
Clonality:	Polyclonal
Immunogen:	Synthetic peptide coupled to carrier protein. The antibody was made against a central part of the Ricin B-type lectin, a domain located in the N-terminal extracellular portion of the DEC-205 protein.
Specificity:	This antibody detects CD205.
Formulation:	Stock solution contains 0.4mg/ml IgY, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.01% Kathon as a preservative. State: Aff - Purified State: Lyophilized Ig fraction
Reconstitution Method:	Reconstitute by adding 0.5ml distilled water.
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	LY75-CD302 readthrough
Database Link:	Entrez Gene 100526664 Human O60449



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Background: Type I cell surface protein is expressed primarily by dendritic cells (DC). It is found on interdigitating dendritic cells in T-cell areas of lymphoid tissues, bone marrow-derived DC, Langerhans cells and at low levels on macrophages and T-cells. Tissue distribution of DEC-205 is comparable between human and mouse.

Synonyms: LY75, CLEC13B, DEC205, gp200-MR6