

Datasheet for ABIN7600592
anti-LY6D antibody (AA 21-111)



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Overview

Quantity:	100 µg
Target:	LY6D
Binding Specificity:	AA 21-111
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LY6D antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-LY6D Antibody Picoband®
Immunogen:	E.coli-derived human LY6D recombinant protein (Position: L21-L111). Human LY6D shares 60.4% amino acid (aa) sequence identity with mouse LY6D.
Characteristics:	Anti-LY6D Antibody Picoband® (ABIN7600592). Tested in WB, IHC, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	LY6D
Alternative Name:	LY6D (LY6D Products)
Background:	LY6D, also named as E48 and ThB, may act as a specification marker at earliest stage specification of lymphocytes between B- and T-cell development. It marks the earliest stage of B-cell specification.
Molecular Weight:	16 kDa
Gene ID:	8581
UniProt:	Q14210

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human Immunohistochemistry, 2-5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Brakenhoff, R. H., Gerretsen, M., Knippels, E. M. C., van Dijk, M., van Essen, H., Weghuis, D. O., Sinke, R. J., Snow, G. B., van Dongen, G. A. M. S. The human E48 antigen, highly homologous to the murine Ly-6 antigen ThB, is a GPI-anchored molecule apparently involved in keratinocyte cell-cell adhesion. J. Cell Biol. 129: 1677-1689, 1995. 2. Brakenhoff, R. H., van Dijk, M., Rood-Knippels, E. M. C., Snow, G. B. A gain of novel tissue specificity in the human Ly-6 gene E48. J. Immun. 159: 4879-4886, 1997. 3. Inlay, M. A., Bhattacharya, D., Sahoo, D., Serwold, T., Seita, J., Karsunky, H., Plevritis, S. K., Dill, D. L., Weissman, I. L. Ly6d marks the earliest stage of B-cell specification and identifies the branchpoint between B-cell and T-cell development. Genes Dev. 23: 2376-2381, 2009. Note: Erratum: Genes Dev. 27: 2063 only, 2013.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.