# antibodies -online.com







Image



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### Overview

Quantity:	100 μL
Target:	CD3D
Binding Specificity:	AA 18-113
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD3D antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## **Product Details**

Purpose:	Monoclonal Antibody to Cluster Of Differentiation 3d (CD3d)
Immunogen:	Recombinant Cluster Of Differentiation 3d (CD3d) corresdonding to Gln18~Ile113 with N-terminal His Tag
Clone:	C5
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CD3d. It has been selected for its ability to recognize CD3d in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

# **Target Details**

Storage Comment:

Expiry Date:

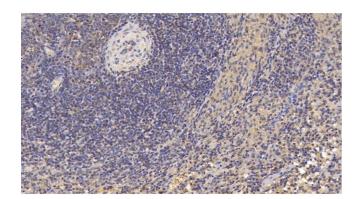
Target:	CD3D
Alternative Name:	CD3d (CD3D Products)
Background:	CD3-DELTA, T3D, T-Dell Surface Glycoprotein CD3 Delta Chain, T-cell receptor T3 delta chain
Pathways:	TCR Signaling, CXCR4-mediated Signaling Events

Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL 1:500-2000 Immunohistochemistry: 5-20 μg/mL 1:50-200 Immunocytochemistry: 5-20 μg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

detectable loss of activity. Avoid repeated freeze-thaw cycles.

24 months

Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without



## **Immunohistochemistry**

**Image 1.** Detection of CD3d in Human Spleen Tissue using Monoclonal Antibody to Cluster Of Differentiation 3d (CD3d)