

Datasheet for ABIN7428704
anti-CD97 antibody (AA 58-260)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	CD97
Binding Specificity:	AA 58-260
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD97 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Cluster Of Differentiation 97 (CD97)
Immunogen:	Recombinant Cluster Of Differentiation 97 (CD97) corresponding to Pro58~Met260 with N-terminal His Tag
Clone:	C3
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against CD97. It has been selected for its ability to recognize CD97 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

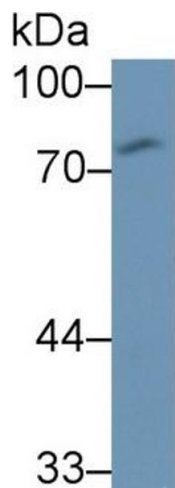
Target:	CD97
Alternative Name:	CD97 (CD97 Products)
Background:	TM7LN1, TM7-LN1, Seven-Span Transmembrane Protein, Seven-Transmembrane,Heterodimeric Receptor Associated With Inflammation, Seven Transmembrane Helix Receptor

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:500-5000 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

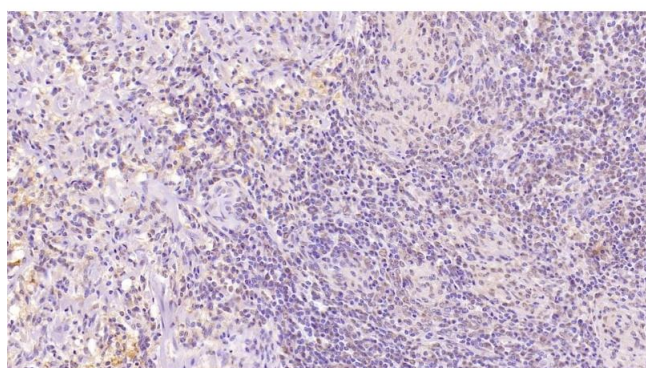
Handling

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
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



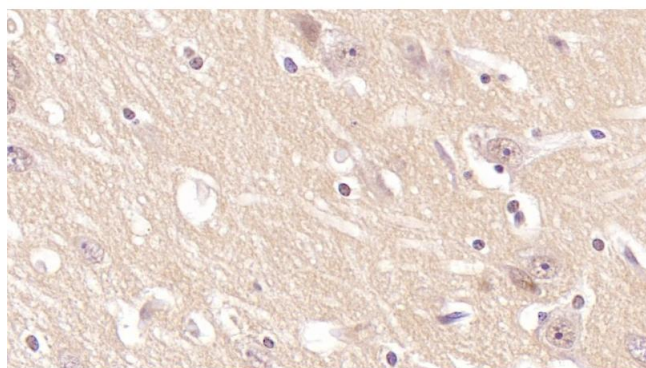
Western Blotting

Image 1. Detection of CD97 in Human U87MG cell lysate using Monoclonal Antibody to Cluster Of Differentiation 97 (CD97)



Immunohistochemistry

Image 2. Detection of CD97 in Human Spleen Tissue using Monoclonal Antibody to Cluster Of Differentiation 97 (CD97)



Immunohistochemistry

Image 3. Detection of CD97 in Human Cerebrum Tissue using Monoclonal Antibody to Cluster Of Differentiation 97 (CD97)