

Datasheet for ABIN6257256

**anti-HLA-DOB antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	HLA-DOB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLA-DOB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

## Product Details

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	HLA-DOB Antibody detects endogenous levels of total HLA-DOB
Cross-Reactivity:	Human
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	HLA-DOB
Alternative Name:	HLA-DOB ( <a href="#">HLA-DOB Products</a> )
Background:	Description: Important modulator in the HLA class II restricted antigen presentation pathway by

## Target Details

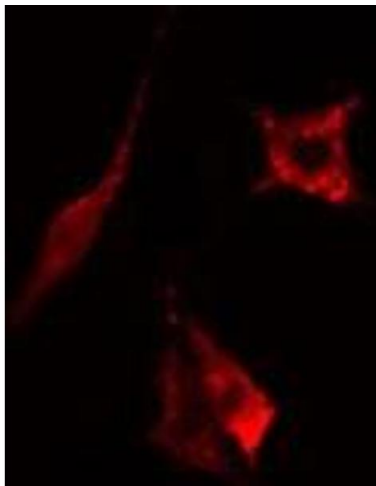
	interaction with the HLA-DM molecule in B-cells. Modifies peptide exchange activity of HLA-DM. Gene: HLA-DOB
Molecular Weight:	31 kDa
Gene ID:	3112
UniProt:	<a href="#">P13765</a>
Pathways:	<a href="#">Cancer Immune Checkpoints</a> , <a href="#">Human Leukocyte Antigen (HLA) in Adaptive Immune Response</a>

## Application Details

Application Notes:	WB 1:500~1:1000, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months



#### Immunofluorescence (fixed cells)

**Image 1.** ABIN6275187 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody.