

Datasheet for ABIN7425698  
**anti-Osteoprotegerin antibody (AA 1-196)**



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**2** Images

## Overview

Quantity:	100 µL
Target:	Osteoprotegerin (TNFRSF11B)
Binding Specificity:	AA 1-196
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Osteoprotegerin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Osteoprotegerin (OPG)
Immunogen:	Recombinant Osteoprotegerin (OPG) corresponding to Met1~Gly196 with N-terminal His Tag
Clone:	C1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against OPG. It has been selected for its ability to recognize OPG in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

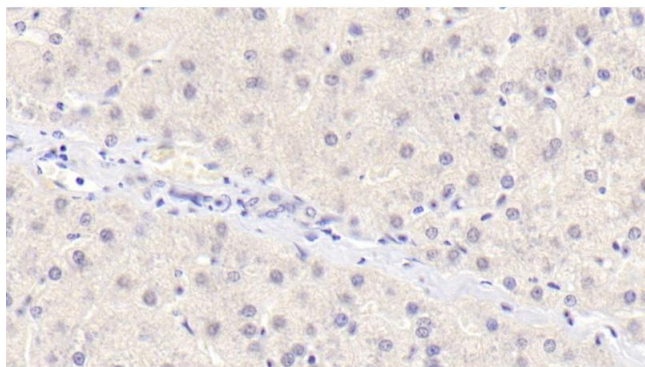
Target:	Osteoprotegerin (TNFRSF11B)
Alternative Name:	Osteoprotegerin ( <a href="#">TNFRSF11B Products</a> )
Target Type:	Chemical
Background:	TNFRSF11B, TNFRSF11-B, OCIF, OPG, TR1, Tumor Necrosis Factor Receptor Superfamily Member 11b, Osteoclastogenesis Inhibitory Factor

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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

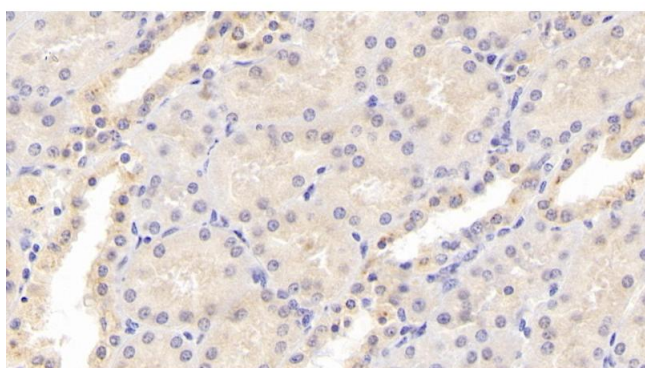
## Handling

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



#### Immunohistochemistry

**Image 1.** Detection of OPG in Human Liver Tissue using Monoclonal Antibody to Osteoprotegerin (OPG)



#### Immunohistochemistry

**Image 2.** Detection of OPG in Human Kidney Tissue using Monoclonal Antibody to Osteoprotegerin (OPG)