

Datasheet for ABIN7426829

anti-Endothelin 1 antibody (AA 53-203)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Endothelin 1 (EDN1)
Binding Specificity:	AA 53-203
Reactivity:	Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Endothelin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Endothelin 1 (EDN1)
Immunogen:	Recombinant Endothelin 1 (EDN1) corresponding to Cys53~His203 (Accession # P09558)
Clone:	5#
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against EDN1. It has been selected for its ability to recognize EDN1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

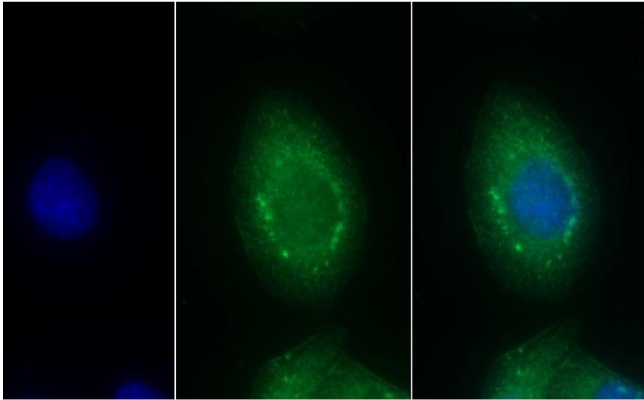
Target:	Endothelin 1 (EDN1)
Alternative Name:	Endothelin 1 (EDN1 Products)
Background:	ET1, PPET1, Preproendothelin-1, Big endothelin-1
Pathways:	Hormone Transport , Negative Regulation of Hormone Secretion , Regulation of Systemic Arterial Blood Pressure by Hormones , cAMP Metabolic Process , Regulation of Muscle Cell Differentiation , Regulation of G-Protein Coupled Receptor Protein Signaling , Regulation of Cell Size

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

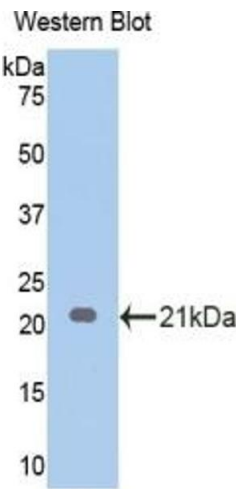
Handling

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
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 EDN1 in Human HeLa cell using Monoclonal Antibody to Endothelin 1 (EDN1)



Western Blotting

Image 2. Detection of Recombinant EDN1, Porcine using Monoclonal Antibody to Endothelin 1 (EDN1)