

Datasheet for ABIN7539670
anti-Endothelin 1 antibody (AA 18-212)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Endothelin 1 (EDN1)
Binding Specificity:	AA 18-212
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Endothelin 1 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	EDN1 Antibody
Immunogen:	Purified recombinant fragment of human EDN1 (AA: 18-212) expressed in E. Coli.
Clone:	4E6E5
Isotype:	IgG2a
Purification:	Purified antibody

Target Details

Target:	Endothelin 1 (EDN1)
Alternative Name:	EDN1 (EDN1 Products)
Background:	This gene encodes a preproprotein that is proteolytically processed to generate a secreted

Target Details

peptide that belongs to the endothelin/sarafotoxin family. This peptide is a potent vasoconstrictor and its cognate receptors are therapeutic targets in the treatment of pulmonary arterial hypertension. Aberrant expression of this gene may promote tumorigenesis. Alternative splicing results in multiple transcript variants.

Molecular Weight: 24.4 kDa

UniProt: [P05305](#)

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: ELISA: 1/10000
FCM: 1/200 - 1/400
ICC: 1/200 - 1/1000

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide.

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 short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.