



# Rabbit Anti-Human ICAM-1 monoclonal antibody, clone 0I32M20 (CABT-L1386)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is predicted to react with mouse, rat, non-human primate and rabbit based on sequence homology.
<b>Target</b>	ICAM-1
<b>Immunogen</b>	Peptide corresponding to amino acids 504-517 of human Intercellular adhesion molecule-1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	0I32M20
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

# BACKGROUND

## Introduction

Intercellular adhesion molecule-1 is a member of the immunoglobulin superfamily, and is critical for the adhesion and transmigration of leukocytes from blood vessels and into tissues. ICAM-1 is constitutively expressed on endothelial cells, but levels increase in response to proinflammatory cytokines. It is also expressed on smooth muscle cells, resulting in leukocyte accumulation, and activation of mononuclear cells. The expression of adhesion molecules on smooth muscle cells may be cell cycle-dependent, and influence smooth muscle cell proliferation and differentiation.

## Keywords

ICAM-1

# GENE INFORMATION

## Entrez Gene ID

[3383](#)

## UniProt ID

[P05362](#)