



# Rat Anti-Mouse CD96 Monoclonal Antibody, clone 4.4 [Functional Grade] (CABT-Z472R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Mouse CD96.
<b>Isotype</b>	IgG1, $\lambda$
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	4.4
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Functional Grade
<b>Applications</b>	BL, FC
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.0. Contains no stabilizers or preservatives. Endotoxin Level<0.002 EU/ $\mu$ g by the LAL method.
<b>Preservative</b>	None
<b>Storage</b>	Store at the stock concentration at 4°C. Do not freeze.
<b>Ship</b>	Wet ice

# BACKGROUND

Introduction	CD96, also known as TACTILE (T cell activation increased late expression). CD96 is a type I transmembrane glycoprotein and member of the Ig superfamily. CD96 is expressed at low levels on resting NK cells and T cells and at high levels on activated NK and T cells. CD96 binds to its ligand, CD155 to mediate NK cell adhesion to target cells and cytotoxicity. CD96 has recently been identified as a novel target for cancer immunotherapy and has been shown to play a role in metastasis. The 3.3 antibody has been shown to suppress primary tumor growth in a number of experimental mouse tumor models.
Keywords	CD96;CD96 molecule;CD96 antigen;T-cell surface protein tactile;TACTILE;T cell activated increased late expression protein

# GENE INFORMATION

Gene Name	Cd96
Entrez Gene ID	<a href="#">84544</a>
UniProt ID	<a href="#">Q3U0X8</a>