



# Mouse Anti-Mouse VCTN1 Chimeric Monoclonal Antibody, clone 7A1-6 [Functional Grade] (CABT-Z482M)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format.
<b>Immunogen</b>	Recombinant murine B7-H4.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	7A1-6
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Functional Grade
<b>Applications</b>	FA, FC, IF
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 mg
<b>Buffer</b>	PBS only. Endotoxin Level<0.5 EU/mg by the LAL method.
<b>Preservative</b>	None

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<b>Storage</b>	Store at -20°C long term. Avoid freeze / thaw cycle. To ensure optimal storage and prevent microbial contamination, only open and dispense under sterile conditions.
<b>Ship</b>	Wet ice

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## BACKGROUND

<b>Introduction</b>	Negatively regulates T-cell-mediated immune response by inhibiting T-cell activation, proliferation, cytokine production and development of cytotoxicity. When expressed on the cell surface of tumor macrophages, plays an important role, together with regulatory T-cells (Treg), in the suppression of tumor-associated antigen-specific T-cell immunity. Involved in promoting epithelial cell transformation.
<b>Keywords</b>	VTCN1;V-set domain containing T cell activation inhibitor 1;V-set domain-containing T-cell activation inhibitor 1;B7 family member;H4;B7 superfamily member 1;B7H4

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## GENE INFORMATION

<b>Gene Name</b>	Vtcn1
<b>Entrez Gene ID</b>	<a href="#">242122</a>
<b>UniProt ID</b>	<a href="#">Q7TSP5</a>

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