

### 43-1039: Monoclonal Antibody to Mouse B7-H4 NALE™ Purified (Clone: 188)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	188
<b>Application :</b>	FACS
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Vtcn1
<b>Gene ID :</b>	242122
<b>Uniprot ID :</b>	Q7TSP5
<b>Alternative Name :</b>	B7 homolog 4, Immune costimulatory protein B7-H4, Protein B7S1, T cell costimulatory molecule B7x
<b>Isotype :</b>	Rat IgG2b, kappa

#### Description

The 188 monoclonal antibody binds to mouse B7-H4, a newly discovered member of the B7 family involved with the negative regulation of T cell immunity. B7-H4 is a type I membrane glycoprotein also known as B7S1, B7X, and VCTN1. Its role in tumor progression may be to protect precancerous cells from the surveillance of the immune system. Further studies are being conducted to determine the exact B7-H4 ligand. It is reported that the H74 antibody binds to mouse B7-H4 transfected cells and not spleen cells.

#### Product Info

<b>Amount :</b>	50 µg
<b>Content :</b>	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
<b>Storage condition :</b>	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography.

#### Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.