

## Anti-CD53 Antibody (5K811)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Cynomolgus
Conjugation:	Unconjugated
Clone:	5K811
Purification:	Protein A

### Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Protein: Cynomolgus CD53 Protein (TMPY-03422)
Antigen Species:	Cynomolgus
Synonyms:	Ox-44;CD53 molecule;Tspan25;AI323659

### Research Background

CD53 is a member of the transmembrane 4 superfamily, also called the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. These proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. CD53 is a cell surface glycoprotein that is known to complex with integrins. Familial deficiency of CD53 gene has been linked to an immunodeficiency associated with recurrent infectious diseases caused by bacteria, fungi and viruses. CD53 contributes to the transduction of CD2-generated signals in T cells and natural killer cells and has been suggested to play a role in growth regulation.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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