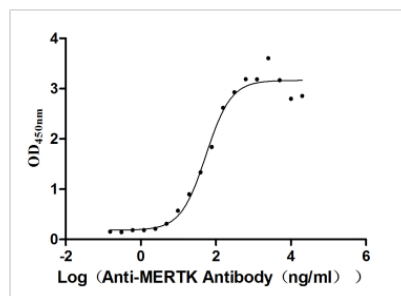




MERTK Monoclonal Antibody

Product Code	CSB-RA621519A1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q12866
Immunogen	Recombinant Human MERTK protein
Species Reactivity	Human
Tested Applications	ELISA
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	Affinity-chromatography
Isotype	hIgG4(S228P)
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Neuroscience;Signal transduction
Gene Names	MERTK
Accession NO.	8H11

Image



^The Binding Activity of MERTK with anti-MERTK antibody.
Activity: Measured by its binding ability in a functional ELISA. Immobilized MERTK at 2 µg/mL can bind anti-MERTK antibody(CSB-RA621519A1HU), the EC₅₀ is 41.31-72.08 ng/mL.^

Description

CUSABIO cloned the DNA sequence encoding the MERTK monoclonal antibody into the plasmid and then transfected into the cell line for expression. The product is the recombinant MERTK monoclonal antibody. It belongs to the human IgG4 and is purified through the affinity-chromatography method. This MERTK antibody has been quality tested in ELISA. In the ELISA, the MERTK protein can bind to this anti-MERTK antibody with the EC50 of 41.31-72.08 ng/mL. It can only react with the human MERTK protein.

Kayla V. Myers *et al.* found that the monoclonal MERTK antibody Mer590 decreased MERTK expression in several lung cancer cell lines, enhanced



apoptosis, sensitivity to carboplatin, and reduced colony formation. Yi Zhou et al. showed that anti-MERTK antibody blockade of MERTK increased tumor immunogenicity and enhanced anti-tumor immunity.