

KWAR23

## Chemical Properties

CAS No. :

Formula:

Molecular Weight: 145.5

Store at low temperature

Storage: -20°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	KWAR23 is a monoclonal antibody targeting SIRP $\alpha$ that blocks the interaction of SIRP $\alpha$ and SIRP $\gamma$ with CD47, impairing chronic T-cell activation and IFN- $\gamma$ secretion.
Targets(IC50)	Others
In vitro	The EC50 binding of KWAR23 to SIRP $\alpha$ on human CD14+ monocytes ranged from 0.267 to 0.385 $\mu$ g/mL. In non-human primates, such as cynomolgus monkeys and rhesus monkeys, KWAR23 binds to CD14+ mononuclear cells with SIRP alpha and EC50 of 0.338 and 0.4, respectively. KWAR23 blocked the binding of CD47 to THP-1 cells, IC50 = 40.82 ng/mL. [1]
In vivo	KWAR23 showed potent antitumor activity in human SIRPA knock-in mouse models. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.8729 mL	34.3643 mL	68.7285 mL
5 mM	1.3746 mL	6.8729 mL	13.7457 mL
10 mM	0.6873 mL	3.4364 mL	6.8729 mL
50 mM	0.1375 mL	0.6873 mL	1.3746 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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