

Ustekinumab

Chemical Properties

CAS No. : 815610-63-0

Formula:

Molecular Weight: 145.63 kDa

Storage: Store at low temperature
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

Ustekinumab

Biological Description

Description	Ustekinumab is an anti-IL-12/IL-23 IgG1k human monoclonal antibody.
Targets(IC50)	Interleukin
Cell Research	HUVECs are grown on calibrated glass coverslips to a confluency of 80%. Subsequently, cells are incubated with 200 µg/mL Ustekinumab AlexaFluor488 and Briakinumab AlexaFluor594 for 20 min at 37°C, pH 7.3, washed three times, and chased in fresh medium for an additional 20 min before fixation. Antibodies are directly labeled. FcRn binding is quality controlled by SPR analysis. Cells are then counterstained with anti-FcRn monoclonal antibody DVN22, followed by anti-mouse secondary antibodies conjugated to AlexaFluor647. Imaging is performed on a Leica SP8 confocal microscope [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0343 mL	0.0687 mL
5 mM	0.0014 mL	0.0069 mL	0.0137 mL
10 mM	0.0007 mL	0.0034 mL	0.0069 mL
50 mM	0.0001 mL	0.0007 mL	0.0014 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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