

## Anti-Mouse CD71/TfR1 Antibody (8D3)

## Chemical Properties

CAS No. :

Formula:

Molecular Weight: 150 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Anti-Mouse CD71/TfR1 Antibody (8D3) is a rat-derived inhibitory antibody targeting mouse CD71/TfR1. It depletes CD71-positive erythroid cells without significantly affecting the proportion of regulatory T cells in neonatal mice, while enhancing the anti-infective ability of neonatal mice.
Targets(IC50)	Immunology/Inflammation related
In vivo	Anti-Mouse CD71/TfR1 Antibody (8D3), administered intraperitoneally at a dose of 150 µg to newborn mice on postnatal days 5 and 6, can enhance their anti-infection ability [1]. When administered intraperitoneally at the same dose on postnatal day 9, it can eliminate CD71-positive erythroid cells without significant effect on the proportion of regulatory T cells [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0067 mL	0.0333 mL	0.0667 mL
5 mM	0.0013 mL	0.0067 mL	0.0133 mL
10 mM	0.0007 mL	0.0033 mL	0.0067 mL
50 mM	0.0001 mL	0.0007 mL	0.0013 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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