

## Anti-IFN $\alpha$ 1 Antibody (Sifalimumab)

### Introduction

Sifalimumab (MEDI-545) is an anti-IFN $\alpha$  monoclonal antibody that inhibits abnormal immune activity by binding to multiple interferon- $\alpha$  subtypes. Sifalimumab can be used in the study of systemic lupus erythematosus (SLE).

### Product parameters

Alternative Names	MDX-1103, MEDI-545
Target Accession	P01562
Target	IFN $\alpha$ 1
CAS number	1006877-41-3
Molecular Weight	144.24 kDa
Host	CHO
Reactivity	Human
Conjugation	Unconjugated
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	Protein A
Isotype	IgG1
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	Immobilized human IFN $\alpha$ 1, Fc Tag at 2 ug/mL can bind Anti-IFN $\alpha$ 1 Antibody (Sifalimumab), EC50=0.04414 ug/mL.
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 $\mu$ M filtered
Reconstitution	For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.
Shipping	Dry ice
Storage	-80°C
Expiration Date	2 years
Note	Please avoid freeze-thaw cycles.

## Note

1. This product is for scientific research use only.



**APExBIO Technology**

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