

## IL6 Conjugated Monoclonal Antibody

Catalog No: #C42035



Package Size: #C42035-AF350 100ul #C42035-AF405 100ul #C42035-AF488 100ul  
 #C42035-AF555 100ul #C42035-AF594 100ul #C42035-AF647 100ul  
 #C42035-AF680 100ul #C42035-AF750 100ul #C42035-Biotin 100ul

Orders: order@signalwayantibody.com  
 Support: tech@signalwayantibody.com

## Description

Product Name	IL6 Conjugated Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu
Specificity	specific for human Interleukin-6 denatured and native forms
Immunogen Description	Recombinant Human Interleukin-6
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	B-cell stimulatory factor 2,BSF-2,CTL differentiation factor,CDF,Hybridoma growth factor,Interferon beta-2,IFN-beta-2
Accession No.	Swiss-Prot#:P05231
Uniprot	P05231
GeneID	3569;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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Cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. Plays an essential role in the final differentiation of B-cells into Ig-secreting cells Involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation Acts on B-cells, T-cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. Also acts as a myokine. It is discharged into the bloodstream after muscle contraction and acts to increase the breakdown of fats and to improve insulin resistance.

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Note: This product is for in vitro research use only