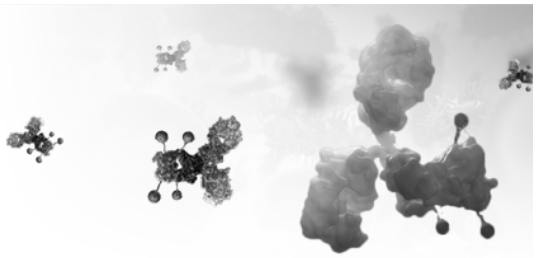

Anti-IL6 monoclonal antibody, clone BMG-272 [DyLight® 594] (DMABT-H17024)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Armenian Hamster Anti-IL6 Monoclonal Antibody
Antigen Description	Mouse IL-1alpha is a non-secreted proinflammatory cytokine produced in a variety of cells including monocytes, tissue macrophages, keratinocytes and other epithelial cells. Both IL-1alpha and IL-1beta binds to the same receptor and has similar if not identical biological properties. These cytokines have a broad range of activities including, stimulation of thymocyte proliferation, by inducing IL-2 release, B-cell maturation and proliferation, mitogenic FGF-like activity and the ability to stimulate the release of prostaglandin and collagenase from synovial cells. However, whereas IL-1beta is a secreted cytokine, IL-1alpha is predominantly a cell-associated cytokine.
Target	IL6
Immunogen	Purified Recombinant Mouse IL-1alpha (>98%)
Isotype	IgG1
Source/Host	Armenian Hamster
Species Reactivity	Mouse
Clone	BMG-272
Conjugate	Dylight 594
Applications	FC
Molecular Weight	DyLight594 antibody conjugates absorb light maximally around 593 nm; and fluoresce with a peak around 618 nm. They are distinctly brighter than Alexa 594 conjugates, and much brighter and more water soluble than Texas Red conjugates.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Format	This DyLight 594 conjugate is formulated in 0.01 M phosphate buffered saline (PBS) pH 7.4,260mM NaCl, 1% BSA and 0.09% sodium azide as a preservative.
Concentration	0.5 mg/ml
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	This DyLight594 conjugate is stable when stored at 2-8°C. Do not freeze.

GENE INFORMATION

Gene Name	Il6 interleukin 6 [Mus musculus]
Official Symbol	IL6
Synonyms	IL6; interleukin 6; interleukin-6; interleukin HP-1; B-cell hybridoma growth factor; Il-6;
Entrez Gene ID	16193
Protein Refseq	NP_112445
UniProt ID	A2RTD1
Pathway	Adipogenesis, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem;
Function	cytokine activity; cytokine activity; growth factor activity; interleukin-6 receptor binding; interleukin-6 receptor binding; protein binding; receptor binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221