

Anti-IL-6 antibody [B-E8] ab11449

5 References

概述

产品名称	Anti-IL-6抗体[B-E8]
描述	小鼠单克隆抗体[B-E8] to IL-6
宿主	Mouse
经测试应用	适用于: IHC-Fr, ELISA, Neutralising 不适用于: IHC-P
种属反应性	与反应: Human
免疫原	Full length protein corresponding to Human IL-6.
常规说明	<p>Storage in frost free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Ion Exchange Chromatography
纯化说明	Purified IgG prepared by ion exchange chromatography from tissue culture supernatant.
克隆	单克隆
克隆编号	B-E8
骨髓瘤	x63-Ag8.653

同种型

IgG1

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab11449于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
Neutralising		Use at an assay dependent concentration. Max dilution: 20pg neutralizes activity of 1U of IL-6

应用说明

Is unsuitable for IHC-P.

靶标

功能

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.

疾病相关

Genetic variations in IL6 are associated with susceptibility to rheumatoid arthritis systemic juvenile (RASJ) [MIM:604302]. An inflammatory articular disorder with systemic-onset beginning before the age of 16. It represents a subgroup of juvenile arthritis associated with severe extraarticular features and occasionally fatal complications. During active phases of the disorder, patients display a typical daily spiking fever, an evanescent macular rash, lymphadenopathy, hepatosplenomegaly, serositis, myalgia and arthritis.
Note=A IL6 promoter polymorphism is associated with a lifetime risk of development of Kaposi sarcoma in HIV-infected men.

序列相似性

Belongs to the IL-6 superfamily.

翻译后修饰

N- and O-glycosylated.

细胞定位

Secreted.

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