

Product datasheet

Anti-IL6 antibody ab7737

2 References

製品の概要

製品名	Anti-IL6 antibody
製品の詳細	Rabbit polyclonal to IL6
特異性	The antibody reacts with natural and recombinant mouse IL-6 as assessed by ELISA. The antibody inhibits the biological activity of natural and recombinant mouse IL-6 as determined with the B9 cell bio-assay. The antibody crossreacts with natural rat IL-6.
アプリケーション	適用あり: ELISA, IRMA, WB, IHC-P, ICC/IF
種交差性	交差種: Mouse

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium azide Constituent: 0.1% BSA
精製度	IgG fraction
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab7737** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.
IRMA		Use at an assay dependent concentration.

アプリ ケー ション	Abreviews	特記事項
WB		1/20. Before use in biological assays, the product must be filter sterilized and depending on the concentration to be used dialyzed against culture medium to remove the sodium azide added. Dilutions have to be made according to the amount of IL-6 to be inactivated.
IHC-P		Use at an assay dependent concentration. PubMed: 24763697
ICC/IF		Use at an assay dependent concentration. PubMed: 24763697

ターゲット情報

機能	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.
関連疾患	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.
配列類似性	Belongs to the IL-6 superfamily.
翻訳後修飾	N- and O-glycosylated.
細胞内局在	Secreted.

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