




Anti-IL-12 p40 antibody ab62822

1 [References](#) **2** [画像数](#)

製品の概要

製品名	Anti-IL-12 p40 antibody
製品の詳細	Goat polyclonal to IL-12 p40
由来種	Goat
アプリケーション	適用あり: IHC-P, WB
種交差性	交差種: Human 交差が予測される動物種: Cynomolgus monkey, Rhesus monkey 
免疫原	Synthetic peptide corresponding to Human IL-12 p40 aa 278-292 (internal sequence). Sequence: C-QGKSKREKKDRVFTD <div>  Run BLAST with  Run BLAST with </div>
ポジティブ・コントロール	Recombinant Human IL-12 p80 protein (ab63226) can be used as a positive control in WB. Human Liver lysate.
特記事項	<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>

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 or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	ab62822 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

ポリモノ
アイソタイプ

ポリクローナル
IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab62822の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 4 - 6 µg/ml.
WB		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 37 kDa (predicted molecular weight: 37 kDa). 1 hour primary incubation is recommended for this product.

ターゲット情報

機能	<p>Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC.</p> <p>Associates with IL23A to form the IL-23 interleukin, an heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to an heterodimeric receptor complex composed of IL12RB1 and IL23R, activates the Jak-Stat signaling cascade, stimulates memory rather than naive T-cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis.</p>
関連疾患	<p>Defects in IL12B are a cause of mendelian susceptibility to mycobacterial disease (MSMD) [MIM:209950]; also known as familial disseminated atypical mycobacterial infection. This rare condition confers predisposition to illness caused by moderately virulent mycobacterial species, such as Bacillus Calmette-Guerin (BCG) vaccine and environmental non-tuberculous mycobacteria, and by the more virulent Mycobacterium tuberculosis. Other microorganisms rarely cause severe clinical disease in individuals with susceptibility to mycobacterial infections, with the exception of Salmonella which infects less than 50% of these individuals. The pathogenic mechanism underlying MSMD is the impairment of interferon-gamma mediated immunity, whose severity determines the clinical outcome. Some patients die of overwhelming mycobacterial disease with lepromatous-like lesions in early childhood, whereas others develop, later in life, disseminated but curable infections with tuberculoid granulomas. MSMD is a genetically heterogeneous disease with autosomal recessive, autosomal dominant or X-linked inheritance. Genetic variations in IL12B are a cause of susceptibility to psoriasis type 11 (PSORS11) [MIM:612599]. Psoriasis is a common, chronic inflammatory disease of the skin with multifactorial etiology. It is characterized by red, scaly plaques usually found on the scalp, elbows and knees. These lesions are caused by abnormal keratinocyte proliferation and infiltration of inflammatory cells into the dermis and epidermis.</p>
配列類似性	<p>Belongs to the type I cytokine receptor family. Type 3 subfamily.</p> <p>Contains 1 fibronectin type-III domain.</p> <p>Contains 1 Ig-like C2-type (immunoglobulin-like) domain.</p>

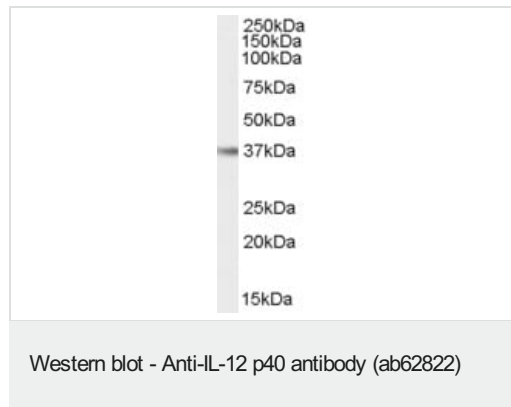
翻訳後修飾

Known to be C-mannosylated in the recombinant protein; it is not yet known for sure if the wild-type protein is also modified.

細胞内局在

Secreted.

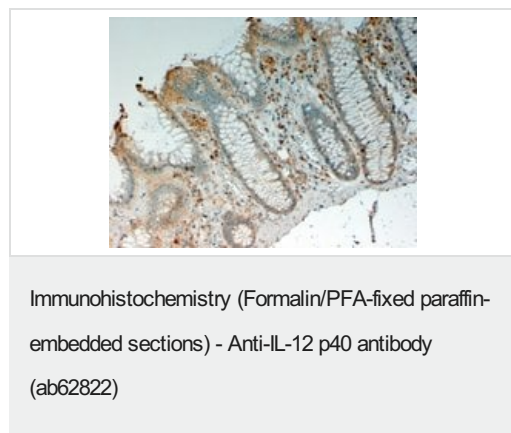
画像



Anti-IL-12 p40 antibody (ab62822) at 0.1 µg/ml + Human Liver lysate (in RIPA buffer) at 35 µg

Predicted band size: 37 kDa

Observed band size: 37 kDa



ab62822 at 4 µg/ml staining IL-12 p40 in Human colon tissue. Steamed antigen retrieval with citrate buffer pH 9 was performed, HRP-staining was used for detection.

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