


Anti-TLR3 antibody [TLR3.7] ab12085

★★★★★ [1 Abreviews](#) [12 References](#) [画像数 1](#)

製品の概要

製品名	Anti-TLR3 antibody [TLR3.7]
製品の詳細	Mouse monoclonal [TLR3.7] to TLR3
由来種	Mouse
アプリケーション	適用あり: Flow Cyt (Intra) 適用なし: WB
種交差性	交差種: Human 交差が予測される動物種: Mouse, Dog 
免疫原	Recombinant full length protein (DDDDK-tag) corresponding to Human TLR3. Human DDDDK-tagged TLR3 stably expressed by Ba/F3 cells.
ポジティブ・コントロール	Placenta and pancreas. Monocyte-derived immature dendritic cells (see paper by Matsumoto et al,2003). Monocytes, granulocytes, lymphocytes, human fibroblast, MRC-5 & FS-4 cells Flow Cyt (Intra):THP-1 cells.
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. Avoid freeze / thaw cycles.
バッファー	Constituents: PBS, 0.1% BSA
精製度	Protein G purified
特記事項(精製)	0.2 µm filtered
ポリ/モノ	モノクローナル
クローン名	TLR3.7
アイソタイプ	IgG1

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ab12085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検討ください。

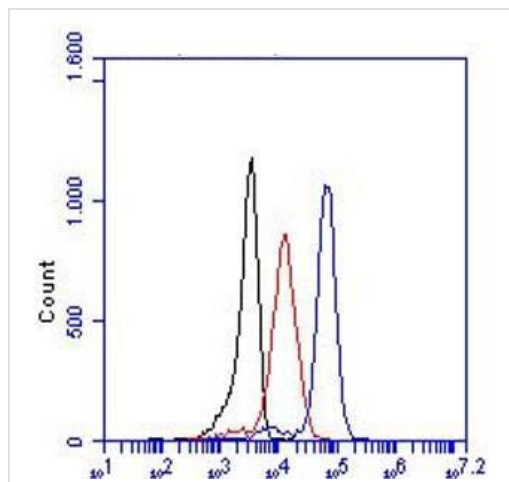
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/10. See paper by Matsumoto et al, 2003. <u>ab170190</u> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody

追加情報 Is unsuitable for WB.

ターゲット情報

機能	Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific of microorganisms. TLR3 is a nucleotide-sensing TLR which is activated by double-stranded RNA, a sign of viral infection. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
組織特異性	Expressed at high level in placenta and pancreas. Also detected in CD11c+ immature dendritic cells. Only expressed in dendritic cells and not in other leukocytes, including monocyte precursors. TLR3 is the TLR that is expressed most strongly in the brain, especially in astrocytes, glia, and neurons.
関連疾患	Defects in TLR3 are associated with herpes simplex encephalitis type 2 (HSE2) [MIM:613002]. HSE is a rare complication of human herpesvirus 1 (HHV-1) infection, occurring in only a small minority of HHV-1 infected individuals. HSE is characterized by hemorrhagic necrosis of parts of the temporal and frontal lobes. Onset is over several days and involves fever, headache, seizures, stupor, and often coma, frequently with a fatal outcome. Note=TLR3 mutations predispose otherwise healthy individuals to isolated herpes simplex encephalitis through a mechanism that involves impaired IFNs production and reduced immune defense against viral infection in the central nervous system.
配列類似性	Belongs to the Toll-like receptor family. Contains 22 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain. Contains 1 TIR domain.
ドメイン	ds-RNA binding is mediated by LRR 1 to 3, and LRR 17 to 18.
翻訳後修飾	Heavily N-glycosylated, except on that part of the surface of the ectodomain that is involved in ligand binding.
細胞内局在	Endoplasmic reticulum membrane. Endosome membrane.

画像



Flow cytometric detection of human TLR3 on THP-1 cells. Red line represents the isotype control and the black line represents ab12085 at 10 µg/ml.

Flow Cytometry (Intracellular) - Anti-TLR3 antibody
[TLR3.7] (ab12085)

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