Product Datasheet

TLR8 Antibody (44C143) [PE] NBP2-24817

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-24817

TLR8 Antibody (44C143) [PE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	44C143
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	PE
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	51311
Gene Symbol	TLR8
Species	Human, Mouse, Rabbit
Reactivity Notes	Rabbit reactivity reported in scientific literature (PMID: 21273544).
Immunogen	This antibody was developed against a KLH-conjugated synthetic peptide of human TLR8, within amino acids 750-850.
Product Application Details	
Applications	Flow Cytometry, Flow (Cell Surface), Flow (Intracellular), Immunohistochemistry
Recommended Dilutions	Flow Cytometry 1ul/1 million cells, Immunohistochemistry, Flow (Cell Surface), Flow (Intracellular)
Application Notes	Optimal dilution of this antibody should be experimentally determined.







Publications

Deng G, Ge J, Liu C et al. Impaired expression and function of TLR8 in chronic HBV infection and its association with treatment responses during peg-IFN-a-2a antiviral therapy. Clin Res Hepatol Gastroenterol. [PMID: 28236535] (IF/IHC)

Details:

Citation using the PE form of this antibody.

Jamin A, Dehoux L, Dossier C et al. Toll-like receptor 3 expression and function in childhood idiopathic nephrotic syndrome Clin Exp Immunol. [PMID: 26123900] (FLOW, Human)

Zimmermann M, Aguilera FB, Castellucci M et al. Chromatin remodelling and autocrine TNFalpha are required for optimal interleukin-6 expression in activated human neutrophils. Nat Commun. [PMID: 25616107] (FLOW, Human)

Details:

Citation using the PE form of this antibody.

Camacho-Sandoval R, Del Rio Estrada PM, Rivero-Arrieta A et al. Differential partial activation phenotype and production of TNF-a by conventional dendritic cells in response to LPS in HIV+ viremic subjects and HIV+ controllers Clin Exp Immunol [PMID: 25130456] (FLOW, Human)

Details:

Used the PE form of this antibody.

Green TL, Santos MF, Ejaeidi AA et al. Toll-like receptor (TLR) expression of immune system cells from metastatic breast cancer patients with circulating tumor cells. Exp Mol Pathol. 2014-08-01 [PMID: 24836676] (Flow Cytometry Control, Human)

Details:

Citation using the Azide Free format of this antibody.

Wang CH, Eng HL, Lin KH et al. Functional Polymorphisms of TLR8 Are Associated With Hepatitis C Virus Infection Immunology 2013-11-08 [PMID: 24205871] (FLOW, Human)

Details:

This citation used the PE version of this antibody.

Levy O, Suter EE, Miller RL, Wessels MR. Unique efficacy of Toll-like receptor 8 agonists in activating human neonatal antigen-presenting cells. Blood. 2006-08-15 [PMID: 16638933] (FLOW)

Details:

TLR8-PE, (IMG-321D): Flow cytometry, Figure 5

Wu J, Meng Z, Jiang M et al. Toll-like receptor-induced innate immune responses in non-parenchymal liver cells are cell type-specific. Immunology. [PMID: 19922426]

Details:

Citation using the PE/Cy5 form of this antibody.

van den Berk LC, Jansen BJ, Siebers-Vermeulen KG et al. Toll-like receptor triggering in cord blood mesenchymal stem cells. J Cell Mol Med. 2009-09-01 [PMID: 20196781] (Human)

Details:

flow (cell surface) cytometry: TLR5 (IMG-663A), TLR6 (IMG-304), TLR8 (IMG-321). Human mesenchymal stem cells, Fig 1C.

Pietschmann K, Beetz S, Welte S et al. Toll-like receptor expression and function in subsets of human gammadelta T lymphocytes. Scand J Immunol. 2009-09-01 [PMID: 19703014] (Flow Cytometry Control, Human)



Biasin M, Piacentini L, Lo Caputo S et al. TLR activation pathways in HIV-1-exposed seronegative individuals. J Immunol. 2010-03-01 [PMID: 20124101] (Flow-CS)

Details:

TLR8 FITC (IMG-321C): Flow cell surface (CD4+ and CD14+ isolated from PBMC); Fig 3, Fig 4, Table 1.

Cohen PA, Koski GK, Czerniecki BJ et al. STAT3- and STAT5-dependent pathways competitively regulate the pandifferentiation of CD34pos cells into tumor-competent dendritic cells. Blood. 2008-09-01 [PMID: 18577706]

Details:

Flow (intracellular), mouse bone marrow cells, Fig. 1E: 1. TLR3 FITC (IMG-315C) 2. TLR4 FITC (IMG-417C) 3. TLR7 (IMG-665A) 4. TLR8 FITC (IMG-321C) 5. TLR9 FITC (IMG-305C).

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NBP1-43319PE-0.5ml	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [PE]
NBP2-24917APC	TLR8 Antibody (44C143) [Allophycocyanin]
NBP1-85767PEP	TLR8 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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