

CXCR4

Research Grade Anti-Human CD184/CXCR4 (LY2624587)

Catalog No.	DHF39907A DHF39907B	Quantity:	100 µg 1.0 mg
Alternate Names:	C-X-C chemokine receptor type 4, CXCR4, CD184, SDF-1 receptor, LAP-3, LPS-associated protein 3, LY2624587		
Description:	Humanized monoclonal antibody LY2624587 targeting C-X-C chemokine receptor type 4, CXCR4, was shown to block the binding of CXCL12 to CXCR4 thereby inhibiting downstream signaling pathways (ERK and AKT pathways) down-regulate cell surface CXCR4 and induce hematological tumor cell death. CXCR4 is overexpressed in more than 23 types of human cancers and contributes to tumor growth, angiogenesis, metastasis, and therapeutic resistance. LY2624587 has no agonist activity, but does have clinical potential as a single agent or in combination with other drugs for the treatment of hematological tumors.		
UniProt ID:	P61073		
Specificity:	Human CXCR4		
Concentration:	1.0 mg/ml, lot specific		
Source:	Mammalian cell line		
Isotype:	Human IgG4 kappa		
Formulation:	0.01M PBS buffer, pH 7.4		
Purity:	> 95% by SDS-PAGE		
Endotoxin Level:	≤ 0.01 EU/µg by LAL analysis		
Purification:	Protein A/G affinity chromatography		
Storage & Stability:	Store at 2-8°C for up to 1 week, or in working aliquots at -20°C to -80°C for up to 1 year. Avoid freeze/thaw cycles.		

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