

Goat anti-CX3CR1 (aa34-47) Antibody

Item Number	dAP-3195
Target Molecule	Principle Name: CX3CR1 (aa34-47); Official Symbol: CX3CR1; All Names and Symbols: CX3CR1; chemokine (C-X3-C motif) receptor 1; CCRL1; CMKBRL1; CMKDR1; GPR13; GPRV28; V28; C-X3-C CKR-1; CMK-BRL-1; CMK-BRL1; CX3C chemokine receptor 1; G protein-coupled receptor 13; G-protein coupled receptor 13; beta chemokine receptor-like 1; Accession Number (s): NP_001164645.1; NP_001328.1; Human Gene ID(s): 1524; Non-Human GeneID(s):
Immunogen	DQFPESVTENFEYD, is from internal region (near N terminus) This antibody is expected to recognize both reported isoforms (NP_001164645.1; NP_001328.1). Reported variants represent identical protein: NP_001164643.1, NP_001328.1, NP_001164642.1.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 39kDa band observed in lysates of cell line Kelly and 37kDa in lysates of cell line U251-MG (calculated MW of 40.4kDa according to NP_001328.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Marchesi F, Piemonti L, Fedele G, Destro A, Roncalli M, Albarello L, Doglioni C, Anselmo A, Doni A, Bianchi P, Laghi L, Malesci A, Cervo L, Malosio M, Reni M, Zerbi A, Di Carlo V, Mantovani A, Allavena P. The chemokine receptor CX3CR1 is involved in the neural tropism and malignant behavior of pan-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**