

Anti-CXCR6 Antibody

CATALOG NO.: A2042-100 (100 µl)

BACKGROUND DESCRIPTION: CXCR6, also known as CD186, Bonzo, STRL33 and TYMSTR, is a chemokine that belongs to the family of seven-transmembrane domain G-protein coupled CKR proteins. In humans, subsets of memory/effector T cells, natural killer (NK) cells and NK T cells, express CXCR6. It is the receptor for the C-X-C chemokine CXCL16 and used as a coreceptor by SIVs and by strains of HIV-2 and m-tropic HIV-1. CXCR6 has been demonstrated to play a key role in inflammation and cancer.

ALTERNATE NAMES: chemokine (C-X-C motif) receptor 6.

ANTIBODY TYPE: Monoclonal

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: Fusion protein of Human CXCR6

MOLECULAR WEIGHT: 39 kDa

PURIFICATION: Affinity purified

FORM: Liquid

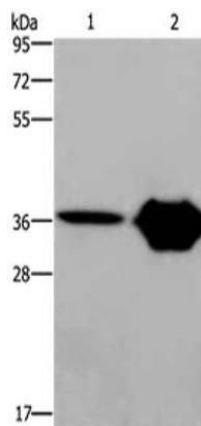
FORMULATION: In PBS with 0.05% sodium azide, 40% glycerol at pH 7.4

SPECIES REACTIVITY: Human, Mouse

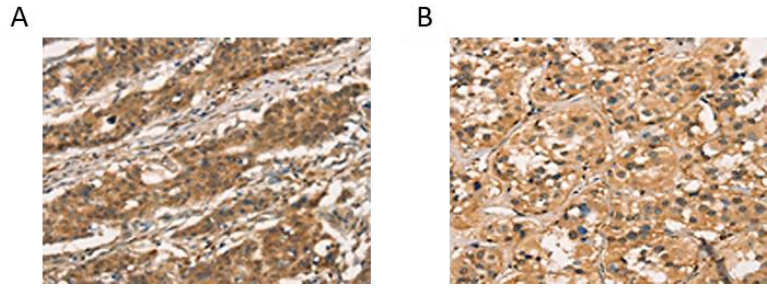
STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles

APPLICATIONS AND USAGE: WB 1:500-1:2000, IHC 1:50-1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of CXCR6 expression in human fetal brain (Lane 1) and mouse brain (Lane 2). 40 µg of lysates were run on 8% SDS-PAGE gel. Primary antibody was used at a dilution of 1:350. Secondary antibody used was Goat anti rabbit IgG at a dilution of 1:8000. Exposure time was 2 minutes.



Immunohistochemistry analysis of CXCR6 staining in paraffin-embedded human gastric cancer (A) and human thyroid cancer (B) tissue. Primary antibody dilution used was 1:30. Magnification of image: x200.

RELATED PRODUCTS:

CCL2 Antibody (CT) (6730)
CXCR5 Antibody (3419)
ADAM10 Antibody (3201)
CXCR4 Antibody (5224)

FOR RESEARCH USE ONLY! Not to be used on humans.