

Anti-CCL5 Antibody (5P309)

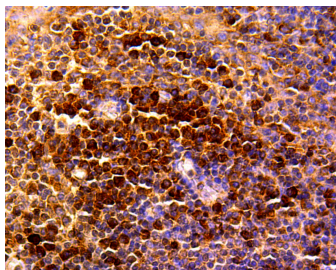
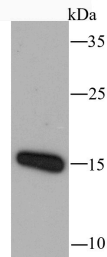
Product Details

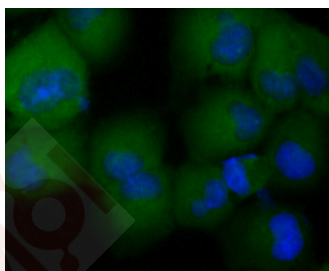
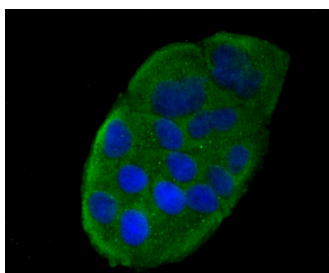
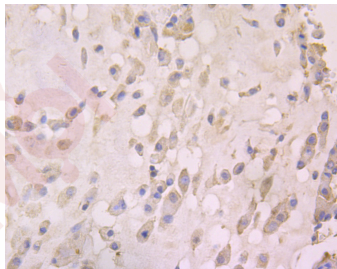
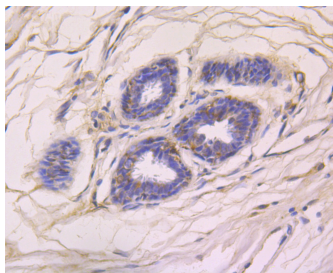
Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 10 kDa.
Clone:	5P309
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of RANTES on mouse thymus tissue lysate using anti-RANTES antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-RANTES antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-RANTES antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-RANTES antibody. Counter stained with hematoxylin.
5. ICC staining RANTES in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
6. ICC staining RANTES in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





Application: ICC,IF,IHC,WB
Recommended WB: 1:500-1000; IHC: 1:50-200; ICC:IF: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein
Uniprot ID: P13501
Synonyms: SISd;TCP228;SIS-delta;D17S136E;RANTES;MuRantes;SCYA5;CCL5;eoCP;SIS- δ

Research Background

Chemoattractant for blood monocytes, memory T-helper cells and eosinophils. Causes the release of histamine from basophils and activates eosinophils. Binds to CCR1, CCR3, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant RANTES protein induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form RANTES(3-68) acts as a natural chemotaxis inhibitor and is a more potent inhibitor of HIV-1-infection. The second processed form RANTES(4-68)

A DRUG SCREENING EXPERT

exhibits reduced chemotactic and HIV-suppressive activity compared with RANTES(1-68) and RANTES(3-68) and is generated by an unidentified enzyme associated with monocytes and neutrophils.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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