

Anti-IL-23 α , Humanized Antibody (Td9)

rev 11/21

CATALOG NO.: A2159-100 (100 μ g)

BACKGROUND DESCRIPTION: The research-grade biosimilar is a humanized IgG1 monoclonal antibody that specifically targets the p19 subunit of IL-23. IL-23 is expressed and secreted by dendritic cells and macrophages. It belongs to the family of IL-12 cytokines and has two subunits: p40 that is shared with IL-12 and p19 that is unique for IL-23. IL-23 plays a critical role in maintaining and expanding Th17 cells. It also stimulates multiple innate immune cells such as myeloid cells and NK cells to produce proinflammatory cytokines that play an important role in the pathogenesis of inflammatory diseases such as Ulcerative Colitis (UC).

ALTERNATE NAMES: P19, SGRF, IL-23, IL23A, IL23P19

ANTIBODY TYPE: Monoclonal

HOST/ISOTYPE: Recombinant / IgG1, kappa

SOURCE: CHO cells

IMMUNOGEN: Human IL-23 α

PURIFICATION: Protein A purified

FORM: Liquid

FORMULATION: In PBS, pH 7.5

SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Store at -80 °C

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

RELATED PRODUCTS:

Anti-IL-17R α , Human IgG2 Antibody (A2155)

Anti-IL-23 α , Human IgG1 Antibody (A2147)

Anti-IL-12 β , Human IgG1 Antibody (A2137)

Anti-TNF- α , humanized Antibody (A1048)

Anti-IL-17 α , Human IgG1 Antibody (A2154)

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