



www.AntibodyResearch.com

## Antibody Research Corporation

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### Product Data Sheet

**Product Name:** Anti-Human CD40 Biotin Antibody

**Catalogue No.:** 181964

**Alternate Names:** p50, Bp50, CDW40, MGC9013, TNFRSF5, CD40

**Description:** CD40 is part of the TNF-receptor superfamily. CD40 is a necessary mediator for vast range of immune and inflammatory responses together with T cell-dependent immunoglobulin class switching, memory B cell growth, and germinal center formation. The transcription factor AKNA regulates the expression of CD40 and its ligand, which is vital for homotypic cell interactions. Adaptor protein TNFR2 interacts with CD40 and serves as a mediator of the signal transduction. The interaction of CD40 and its ligand is crucial for amyloid-beta-induced microglial activation, and thus is thought to be an early event in Alzheimer disease pathogenesis. CD40 is the receptor for TNFSF5/CD40L.

**Specificity:** Human

**Type:** Monoclonal

**Concentration:** 1mg/mL

**Purity:** Protein-A

**Storage:** Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.

**Stability:** Two years lyophilized, one month in solution at 4°C.

**Shipping:** Products may be shipped on ice pack or dry ice.

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**For Research Use Only. Not for Diagnostic or Therapeutic Work.**

ARC will not be held responsible for patent infringement or other violation that may occur with the use of this product.