

Anti-IL-1 beta Antibody (3E298)

Product Details

Ig Type:	Mouse IgG2b
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3E298
Purification:	Protein A

Applications

Anti-IL-1 beta mouse monoclonal antibody at 1:500 dilution.

-Lane A: Untreated THP1 Whole Cell Lysate.

-Lane B: THP-1 cells differentiated with TPA(80 nM,overnight) followed by treatment with LPS(1 µg/ml ,8h).

-Lysates/proteins at 30 µg per lane.

Verified Activity:

-Secondary

-Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

-Developed using the ECL technique.

-Performed under reducing conditions.

-Predicted band size:31 kDa.

-Observed band size: kDa

Application: WB

Recommended WB: 1:500-1:2000

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthetic peptide: center region of the Human IL-1 beta

Antigen Species: Human

Biology Area: Neuroinflammation

Research Background

Interleukin-1 beta (IL1 beta or IL1B) also known as catabolin, is a member of the interleukin 1 cytokine family. IL1 is a pleiotropic cytokine. It is involved in the inflammatory response, cell growth, and tissue repair in the cortex. The IL1 superfamily consists of three members, IL1A (IL1 alpha), IL1B (IL1 beta), and IL1 receptor antagonist (IL1Ra). In clinical, it has been reported that Interleukin (IL)-1 may influence Th1 / Th2 immune responsiveness and has been implicated in the establishment of a successful pregnancy. Proinflammatory interleukin (IL)-1 gene polymorphisms associated with high levels of IL-1beta activity increase the risk for hypochlorhydria and distal gastric carcinoma. IL1B polymorphisms may be involved in susceptibility to SSc. Moreover, the IL2-384-G allele may be a marker for the limited phenotype of systemic sclerosis (SSc).Cancer ImmunotherapyImmune CheckpointImmunotherapyTargeted

Therapy

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481