The B1 and B2 receptors represent potential therapeutic targets for treatment of inflammatory mediators, such as bacterial lipopolysaccharide (LPS) and cytokines.

Kallidin, respectively.

The expression of the B1 receptor is inducible by inflammation disorders and cardiovascular diseases.

PRODUCT

Each vial contains 50 µg IgG2b kappa in 500 µl PBS with <0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

bradykinin B2 R (20) is recommended for detection of bradykinin B2 R of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunofluorescence (starting dilution 1:50), and immunohistochemistry (including paraffin-embedded sections) (starting dilution 1:50, dilution range 1:50-1:500); not recommended for immunoprecipitation.

bradykinin B2 R (20) is also recommended for detection of bradykinin B2 R in additional species, including canine.


Molecular Weight of bradykinin B2 R: 44 kDa.

Molecular Weight of glycosylated bradykinin B2 R: 69 kDa.

Positive Controls: HeLa whole cell lysate: sc-2200.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-mouse IgG-HRP: sc-2005 (dilution range: 1:2000-1:32,000) or Cruz Marker™ compatible goat anti-mouse IgG-HRP: sc-2031 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunofluorescence: use goat anti-mouse IgG-FITC: sc-2010 (dilution range: 1:100-1:400) or goat anti-mouse IgG-TR: sc-2781 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941. 3) Immunohistochemistry: use ImmunoCruz™: sc-2050 or ABC: sc-2017 mouse IgG Staining Systems.

SELECT PRODUCT CITATIONS


STORAGE

Store at 4°C. **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.