

## IL1R2

### Mouse Anti-Human IL-1R2 Clone 6G5 mAb

**Catalog No.** MON5084 **Quantity:** 100 µg

**Alternate Names:** IL1RB, CD121b

**Description:** The antibody reacts specifically with Human IL-1 RII. The IL-1 system includes two agonists (IL-1 $\alpha$  and IL-1 $\beta$ ), converting enzymes, antagonists, two receptors (IL-1 RI and IL-1 RII) and the IL-1 receptor accessory protein. The IL-1 RII is part of the antagonistic IL-1 mechanism. It is also known as decoy receptor and is a non signaling molecule which functions by capturing IL-1 and preventing it from interacting with the signaling IL-1 RI. The decoy IL-1 RII can after binding to IL-1 also recruit the IL-1 receptor accessory protein and thus inhibit by coreceptor competition. Further a soluble form of IL-1 RII exists which is shed, a process in which matrix metalloproteases have been found to play a role, by various cells including monocytes, polymorphonuclear cells, B cells and fibroblasts.

**Gene ID:** 7850

**Host:** Mouse

**Isotype:** IgG2a

**Clone:** 6G5

**Formulation:** 1 ml (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.

**Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

**Applications:** The antibody can be used for immunoassays.

**Storage & Stability:** Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

