

**BSP0057C****[ Primary Antibody ]****IL-6 Recombinant Rabbit mAb pair (capture)**

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**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Applications:** ELISA**Clonality:** Recombinant**Reactivity:** Rat**GeneID:** 24498**SWISS:** P20607**Target:** IL-6**Storage:** 0.01M PBS, pH 7.2.

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

**Subcellular Location:** Secreted ,Cytoplasm

**Background:** Interleukine 6 (IL-6) is a cytokine produced primarily by stimulated monocytes, fibroblasts and epithelial cells. It has a wide variety of biological functions through activating a cell surface signaling assembly composed of IL6, IL6RA, and the shared signaling receptor gp130. The cytokine plays an essential role in the final differentiation of b-cells into Ig-secreting cells, and induces myeloma, plasmacytoma growth, nerve cells differentiations. In addition, IL-6 is an important regulator of acute phase reaction.