

bsm-63217R**[Primary Antibody]**

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IDO1 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 5H6**GeneID:** 3620**SWISS:** P14902**Target:** IDO1**Immunogen:** A synthesized peptide derived from human IDO 1: 114-157/403.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Catalyzes the first and rate limiting step of the catabolism of the essential amino acid tryptophan along the kynurenine pathway. Involved in the peripheral immune tolerance, contributing to maintain homeostasis by preventing autoimmunity or immunopathology that would result from uncontrolled and overreacting immune responses.**Applications:** **WB** (1:1000-2000)
ICC/IF (1:50-200)**Reactivity:** Human**Predicted
MW.:** 45 kDa**Subcellular
Location:** Cytoplasm