

bsm-60236R**[Primary Antibody]**

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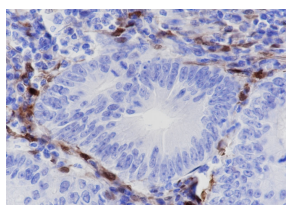
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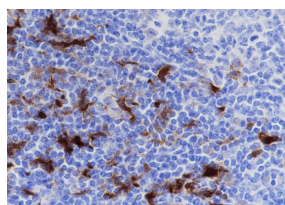
400-901-9800

IDO1 Recombinant Rabbit mAb**— DATASHEET —**

| | | |
|---|------------------------|--|
| Host: Rabbit | Isotype: IgG | Applications: IHC-P (1:200-1:1000) IHC-F (1:50-100) IF (1:50-100) Reactivity: Human Predicted MW.: 45 kDa Subcellular Location: Cytoplasm |
| Clonality: Recombinant | CloneNo.: ID2C1 | |
| GeneID: 3620 | SWISS: P14902 | |
| Target: IDO1 | | |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | |
| Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | |
| Background: This gene encodes indoleamine 2,3-dioxygenase (IDO) - a heme enzyme that catalyzes the first and rate-limiting step in tryptophan catabolism to N-formyl-kynurenine. This enzyme acts on multiple tryptophan substrates including D-tryptophan, L-tryptophan, 5-hydroxy-tryptophan, tryptamine, and serotonin. This enzyme is thought to play a role in a variety of pathophysiological processes such as antimicrobial and antitumor defense, neuropathology, immunoregulation, and antioxidant activity. Through its expression in dendritic cells, monocytes, and macrophages this enzyme modulates T-cell behavior by its peri-cellular catabolization of the essential amino acid tryptophan.[provided by RefSeq, Feb 2011] | | |

— VALIDATION IMAGES —

Tissue: Human colon cancer Section type: Formalin fixed & Paraffin -embedded section
Retrieval method: High temperature and high pressure
Retrieval buffer: Tris/EDTA buffer, pH 9.0
Primary ab dilution: 1:1000
Primary ab incubation condition: 1 hour at room temperature
Counter stain: Hematoxylin
Comment: Color brown is the positive signal for bsm-60236R



Tissue: Human tonsil Section type: Formalin fixed & Paraffin -embedded section
Retrieval method: High temperature and high pressure
Retrieval buffer: Tris/EDTA buffer, pH 9.0
Primary ab dilution: 1:1000
Primary ab incubation condition: 1 hour at room temperature
Counter stain: Hematoxylin
Comment: Color brown is the positive signal for bsm-60236R