

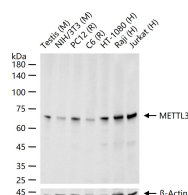
bsm-62004R**[Primary Antibody]****Bioss**
ANTIBODIES

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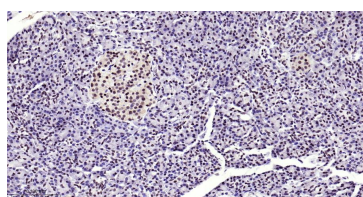
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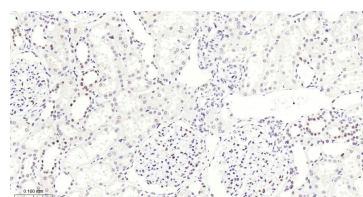
400-901-9800

METTL3 Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 3E10**GeneID:** 56339**SWISS:** Q86U44**Target:** METTL3**Immunogen:** A synthesized peptide derived from human METTL3: 1-285.**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:** The METTL3-METTL14 heterodimer forms a N6-methyltransferase complex that methylates adenosine residues at the N6 position of some RNAs and regulates various processes such as the circadian clock, differentiation of embryonic and hematopoietic stem cells, cortical neurogenesis, response to DNA damage, differentiation of T-cells and primary miRNA processing.**Applications:** **WB** (1:500-2000)**IHC-P** (1:50-200)**IHC-F** (1:50-200)**IF** (1:50-200)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**IP** (1:20-50)**Reactivity:** Human, Mouse, Rat**Predicted**
MW.: 64**Subcellular**
Location: Nucleus**VALIDATION IMAGES**

25 ug total protein per lane of various lysates (see on figure) probed with METTL3 monoclonal antibody, unconjugated (bsm-62004R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with METTL3 Monoclonal Antibody, Unconjugated(bsm-62004R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with METTL3 Monoclonal Antibody, Unconjugated(bsm-62004R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

SELECTED CITATIONS

- **[IF=2.9]** Nan Zhang. et al. N6-methyladenosine mediated-NRF2 signaling pathway attenuates cadmium cytotoxicity by inhibiting oxidative damage in bronchial epithelial cells. TOXICOL LETT. 2025 Jan;403:144 WB ;Human. 39725363