bsm-54667R **[Primary Antibody]**

GCDFP15 Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
GeneID: 5304
SWISS: P12273
Target: GCDFP15
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: Enables IgG binding activity; aspartic-type endopeptidase activity; and identical protein binding activity. Involved in several processes, including detection of chemical stimulus involved in sensory perception of bitter taste; negative regulation of T cell apoptotic process; and proteolysis. Located in extracellular space and nucleus. [provided by Alliance of Genome Resources, Apr 2022]

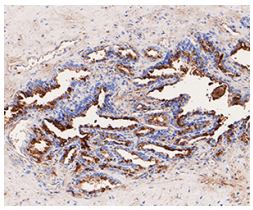
Applications: **IHC-P** (1:100-500)
IHC-F (1:200-500)
IF (1:100-500)
ICC/IF (1:50-100)

Reactivity: Human

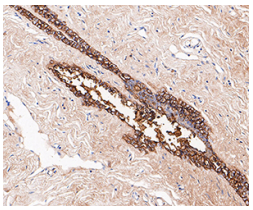
Predicted MW.: 13.5 kDa

Subcellular Location: Secreted

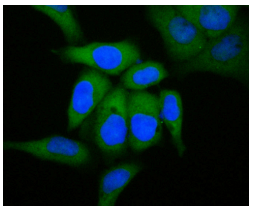
VALIDATION IMAGES



Immunohistochemical analysis of paraffin-embedded human seminal vesicle tissue using anti-GCDFP15 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes.The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (bsm-54667R, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-GCDFP15 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes.The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (bsm-54667R, 1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



ICC staining of GCDFP 15 in Hela cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (bsm-54667R, 1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/100 dilution. The nuclear counter stain is DAPI (blue).