

# Anti-IGSF1 Reference Antibody (WM-A1-3389)

Catalog # APR11448

## Product Information

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|--------------------------|----------------------------------------------------------------|
| <b>Application</b>       | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| <b>Primary Accession</b> | <a href="#">Q8N6C5</a>                                         |
| <b>Reactivity</b>        | Human                                                          |
| <b>Clonality</b>         | Monoclonal                                                     |
| <b>Isotype</b>           | IgG1-EM                                                        |
| <b>Calculated MW</b>     | 148936                                                         |

## Additional Information

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|---------------------------|-------|
| <b>Target/Specificity</b> | IGSF1 |
| <b>Expression system</b>  | CHO   |

## Protein Information

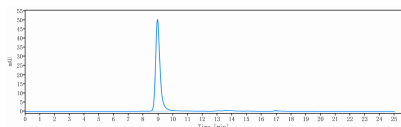
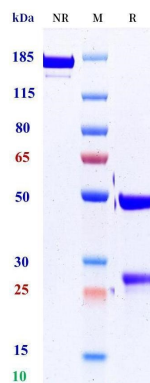
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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | IGSF1                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>          | IGDC1, KIAA0364, PGSF2                                                                                                                                                                                                                                                                               |
| <b>Function</b>          | Seems to be a coreceptor in inhibin signaling, but seems not to be a high-affinity inhibin receptor. Antagonizes activin A signaling in the presence or absence of inhibin B (By similarity). Necessary to mediate a specific antagonistic effect of inhibin B on activin- stimulated transcription. |
| <b>Cellular Location</b> | [Isoform 1]: Membrane; Multi-pass membrane protein [Isoform 3]: Secreted.                                                                                                                                                                                                                            |
| <b>Tissue Location</b>   | Highly expressed in pancreas, testis and fetal liver. Moderately expressed in heart, prostate and small intestine Expressed at very low levels in brain, thymus, ovary, colon, fetal lung and fetal kidney. Expressed in muscle. Isoform 3 is expressed in pituitary gland.                          |

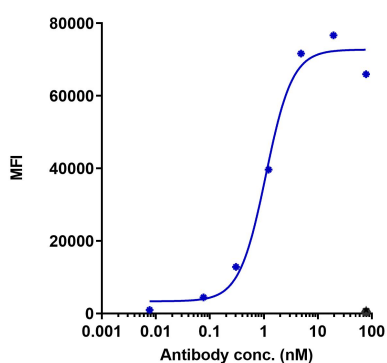
## Images

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Anti-IGSF1 Reference Antibody (WM-A1-3389) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IGSF1 Reference Antibody (WM-A1-3389) is 99.33%, determined by SEC-HPLC.



PLVX-puro-IGSF1(560aa-1336aa) cell line were stained with WM-A1-3389 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 1.087 nM.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.