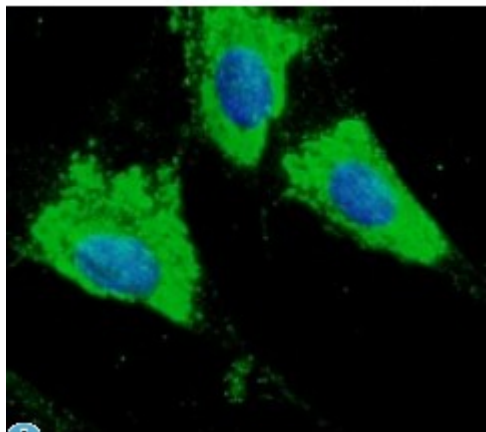


## Anti-ERP57 antibody



|                           |                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Goat polyclonal to ERp57 - endoplasmic reticulum lumen marker. This endoplasmic reticulum protein interacts with lectin chaperones calreticulin and calnexin to modulate folding of newly synthesized glycoproteins. It has disulfide isomerase activity and complexes of lectins and this protein mediate protein folding by promoting formation of disulfide bonds in their glycoprotein substrates. |
| <b>Model</b>              | STJ140036                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Host</b>               | Goat                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>         | Avian, Bovine, Canine, Donkey, Feline, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Other, Porcine, Rabbit, Rat, Sheep, Simian                                                                                                                                                                                                                                                                      |
| <b>Applications</b>       | IF, IHC, WB                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>          | Recombinant peptide derived from within residues 300 aa to the C-terminus of human ERp57 produced in E. coli.                                                                                                                                                                                                                                                                                          |
| <b>Immunogen Region</b>   | C-Term                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene ID</b>            | <a href="#">2923</a>                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Symbol</b>        | <a href="#">PDIA3</a>                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Dilution range</b>     | Western blot 1:500-1:2,000 Immunofluorescence 1:50-1:500<br>Immunohistochemistry (paraffin) 1:200-1:1,000 Immunohistochemistry (frozen) 1:200-1:1,000                                                                                                                                                                                                                                                  |
| <b>Specificity</b>        | Detects a band of 60 kDa by Western blot in the following canine, human, monkey, mouse, rat whole cell lysates.                                                                                                                                                                                                                                                                                        |
| <b>Tissue Specificity</b> | Detected in the flagellum and head region of spermatozoa (at protein level). .                                                                                                                                                                                                                                                                                                                         |

|                     |                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purification</b> | This antibody is epitope-affinity purified from goat antiserum.                                                                                                                                                    |
| <b>Note</b>         | For research use only (RUO).                                                                                                                                                                                       |
| <b>Protein Name</b> | 58 kDa glucose regulated protein 58 kDa microsomal protein disulfide isomerase ER 60 endoplasmic reticulum resident protein 57 endoplasmic reticulum resident protein 60 ER protein 57 ER protein 60 ER protein 61 |