

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse ESGP in direct ELISAs and Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse ESGP Leu24-Lys84 Accession # Q2Q5T5
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

ESGP (ES cell and germ cell-specific protein) is a presumably secreted polypeptide that belongs to no known protein family. It is expressed specifically in pluripotential cell types, and does not appear to be involved in differentiation. Mouse ESGP precursor is 84 amino acids (aa) in length. It contains a 25 aa signal sequence with a 59 aa mature segment. There are no N-linked glycosylation sites. One potential 108 aa variant shows an alternate start site 24 aa upstream of the standard start site.

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