

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human ZNF206 in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 1% cross-reactivity with recombinant human ZNF24 is observed.
<b>Source</b>	Polyclonal Goat IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human ZNF206 Met1-Val283 Accession # Q96SZ4
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

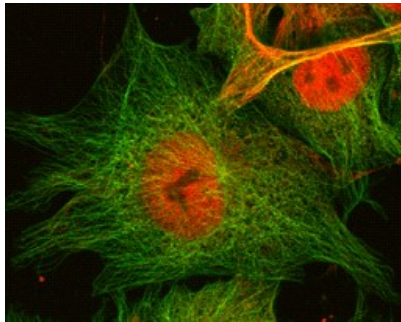
## APPLICATIONS

**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.

	Recommended Concentration	Sample
<b>Western Blot</b>	0.1 µg/mL	Recombinant Human ZNF206
<b>Immunocytochemistry</b>	5-15 µg/mL	See Below

## DATA

### Immunocytochemistry



**ZNF206 in BG01V Human Embryonic Stem Cells.** ZNF206 was detected in immersion fixed BG01V human embryonic stem cells using Goat Anti-Human ZNF206 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4020) at 10 µg/mL for 3 hours at room temperature. Cells were stained using the NorthernLights™ 557-conjugated Anti-Goat IgG Secondary Antibody (red; Catalog # NL001) and counterstained with tubulin (green). Specific staining was localized to nuclei. View our protocol for [Fluorescent ICC Staining of Stem Cells on Coverslips](#).

## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.2 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>• 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>• 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>• 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## BACKGROUND

ZNF206 (zinc finger protein 206; also ZFP206) is an 80 kDa SCAN-zinc finger transcription factor that is active in embryonic stem cells and appears to positively regulate transcriptional regulators that maintain stem cell pluripotency. Human ZNF206 is 725 amino acids in length. It contains one SCAN box (aa 1-71) that mediates oligomerization, followed by a proline-rich region (aa 104-175) and 14 consecutive C2H2-type zinc fingers (aa 292-719). Mouse ZNF206 apparently has multiple isoforms, none of which are well characterized. The human gene may also show alternate splicing. Human ZNF206 is 72% aa identical to mouse ZNF206.