

**bs-11595R****[ Primary Antibody ]****NOMO1 Rabbit pAb**

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**— DATASHEET —**

<p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 23420</p> <p><b>Target:</b> NOMO1</p> <p><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human NOMO1: 701-800/1222. &lt; Extracellular &gt;</p> <p><b>Purification:</b> affinity purified by Protein A</p> <p><b>Concentration:</b> 1mg/ml</p> <p><b>Storage:</b> 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.</p> <p><b>Background:</b> Three highly similar proteins termed NOMO1, NOMO2 and NOMO3, are encoded by a gene mapping to a region of duplication on the p arm of human chromosome 16. All three NOMO proteins share similar functions and have been difficult to characterize individually. NOMO1 (Nodal modulator 1), also known as PM5, is a 1,222 amino acid highly conserved single-pass type I membrane protein expressed in colon tumor tissue and normal colonic mucosa. NOMO proteins are novel antagonists of Nodal signaling which interact with Nicalin to form a Nicalin-NOMO complex, and are rapidly degraded or stabilized by Nicalin. NOMO proteins were once considered candidates for the development of pseudoxanthoma elasticum (PXE), a heritable disorder of connective tissue, as the NOMO genes are located in close proximity to the gene responsible for PXE development (MRP6).</p>	<p><b>Isotype:</b> IgG</p> <p><b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)</p> <p><b>Reactivity:</b> (predicted: Human, Mouse, Rat, Pig, Cow, Chicken, Dog, Horse)</p> <p><b>Predicted MW.:</b> 131 kDa</p> <p><b>Subcellular Location:</b> Cell membrane</p>
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