

**bsm-62736R****[ Primary Antibody ]****Bioss**  
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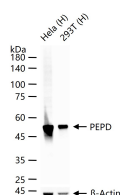
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**PEPD Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Recombinant		<b>Reactivity:</b> Human
<b>GeneID:</b> 5184	<b>SWISS:</b> P12955	
<b>Target:</b> PEPD		
<b>Immunogen:</b> A synthesized peptide derived from human X Pro dipeptidase: 461-493.		<b>Predicted MW.:</b> 55
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Extracellular matrix, Nucleus
<b>Storage:</b> 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Dipeptidase that catalyzes the hydrolysis of dipeptides with a prolyl (Xaa-Pro) or hydroxyprolyl residue in the C-terminal position. The preferred dipeptide substrate is Gly-Pro, but other Xaa-Pro dipeptides, such as Ala-Pro, Met-Pro, Phe-Pro, Val-Pro and Leu-Pro, can be cleaved. Plays an important role in collagen metabolism because the high level of iminoacids in collagen.		

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with PEPD monoclonal antibody, unconjugated (bsm-62736R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.