

**bs-22573R****[ Primary Antibody ]****CD1a Rabbit pAb****BioSS**  
**ANTIBODIES**

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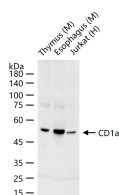
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human, Mouse
<b>GeneID:</b> 909	<b>SWISS:</b> P06126	
<b>Target:</b> CD1a		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CD1a : 111-210/327.		<b>Predicted MW.:</b> 34 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Extracellular matrix ,Cell membrane ,Cytoplasm
<b>Concentration:</b> 1mg/ml		
<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.		
<b>Background:</b> This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to the plasma membrane and to recycling vesicles of the early endocytic system. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]		

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with CD1a polyclonal antibody, unconjugated (bs-22573R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.