

**bs-1198R****[ Primary Antibody ]****HLA-DRA Rabbit pAb****Bioss**  
**ANTIBODIES**

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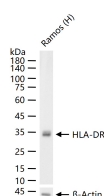
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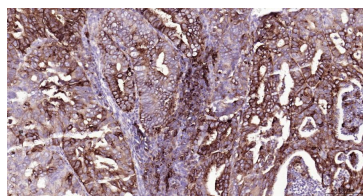
400-901-9800

**— DATASHEET —**

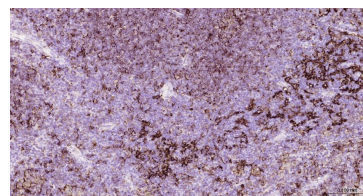
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:1000-5000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:1000-5000)
<b>GeneID:</b> 3122	<b>SWISS:</b> P01903	<b>IHC-F</b> (1:1000-5000)
<b>Target:</b> HLA-DRA		<b>IF</b> (1:500-2000)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human HLA-DRA: 1-100/254. < Extracellular >		<b>Reactivity:</b> Human
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 26 kDa
<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>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Background:</b> HLA-DRA is one of the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha and a beta chain, both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The alpha chain is approximately 33-35 kDa and its gene contains 5 exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, and exon 4 encodes the transmembrane domain and the cytoplasmic tail. DRA does not have polymorphisms in the peptide binding part and acts as the sole alpha chain for DRB1, DRB3, DRB4 and DRB5. [provided by RefSeq]		

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with HLA-DR polyclonal antibody, unconjugated (bs-1198R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Endometrial Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with HLA-DRA Polyclonal Antibody, Unconjugated (bs-1198R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Gastric Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with HLA-DRA Polyclonal Antibody, Unconjugated (bs-1198R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

**— SELECTED CITATIONS —**

- **[IF=5.999]** Jinsheng Li. et al. Micro/nano-topography Promotes Osteogenic Differentiation of Bone Marrow Stem Cells by Regulating Periostin Expression. COLLOID SURFACE B. 2022 Jul;112700 FCM ;Rat. 35907353
- **[IF=3.427]** Gao et al. Common expression of stemness molecular markers and early cardiac transcription factors in human Wharton's jelly-derived mesenchymal stem cells and embryonic stem cells. (2013) Cell.Transplan. 22:1883-900 FCM ;Human. 23394400
- **[IF=3.04]** Kitala D et al. Amniotic cells share clusters of differentiation of fibroblasts and keratinocytes, influencing their

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ability to proliferate and aid in wound healing while impairing their angiogenesis capability. Eur J Pharmacol. 2019 Feb 28;854:167-178. ICC ;Human. 30826324

- **[IF=3.082]** Zhe Wang. et al. Hypoxia Protects Rat Bone Marrow Mesenchymal Stem Cells Against Compression-Induced Apoptosis in the Degenerative Disc Microenvironment Through Activation of the HIF-1 $\alpha$ /YAP Signaling Pathway. Stem Cells Dev. 2020 Oct;29(20):1309-1319 FCM ;Rat. 32799744