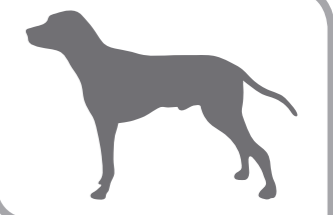


Biomarker Expression Patterns in Canine Immune Cells



Markers	Stem cells, precursors and progenitors						B cells		Specialist antigen presenting cells				Myeloid and mast cells						NK cells and innate lymphoid cells				T cells					Megakaryocyte erythroid cells			Non hematopoietic cells				
	LT-HSC	GMP	CMP	CLP	MEP	MPP	B cells	Pro/Pre B cells	Myeloid dendritic cells	Plasmacytoid dendritic cells	Langerhans cells	Eosinophil	Neutrophil	Basophil	Macrophage	Monocyte	Granulocyte	Mast cells	NK cells	Precursor NK cells	Innate lymphoid progenitor	Innate lymphoid cells	T cells	Double negative thymocyte	Double positive thymocyte	Gamma/Delta T cells	NKT cells	Megakaryocyte	Platelets	Proerythroblast	Erythrocyte	Endothelial cells	Epithelial cells		
CD1a																																			
CD1w2																																			
CD3																																			
CD3e																																			
CD4																																			
CD5																																			
CD8																																			
CD8beta																																			
CD9																																			
CD11a																																			
CD11b																																			
CD11c																																			
CD11d																																			
CD11/CD18																																			
CD14																																			
CD18																																			
CD21																																			
CD25																																			
CD32																																			
CD34																																			
CD40																																			
CD41																																			
CD41/CD61																																			
CD42a																																			
CD44																																			
CD45																																			
CD45R																																			
CD45RA																																			
CD47																																			
CD49d																																			
CD49e																																			
CD49f																																			
CD54																																			
CD61																																			
CD62P																																			
CD79a																																			
CD79b																																			
CD90																																			
CD107b																																			
CD115/CSF1R																																			
CD143																																			
CD230																																			
CD282																																			
CD283																																			
CD284																																			
CD289																																			
CD335																																			
CLAW-H																																			
IgM																																			
MHC II																																			

Key

LT-HSC: Long Term Hematopoietic Stem Cell
 GMP: Granulocyte Monocyte Precursor
 CMP: Common Myeloid Precursor

CLP: Common Lymphoid Precursor
 MEP: Megakaryocyte Erythroid Precursor
 MPP: MultiPotent Progenitor

NKT Cell: Natural Killer T Cell
 NK Cell: Natural Killer Cell

Expressed by a subset of these cells
 Strongly expressed by these cells
 Weakly expressed by these cells

