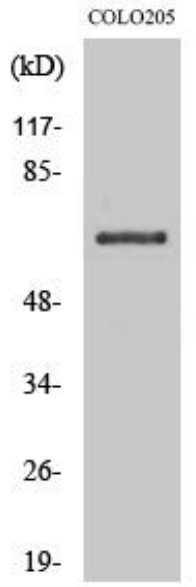
CD108 Polyclonal Antibody

Catalog No	YP-Ab-03747
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	SEMA7A
Protein Name	Semaphorin-7A
Immunogen	Synthesized peptide derived from CD108 . at AA range: 150-230
Specificity	CD108 Polyclonal Antibody detects endogenous levels of CD108 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SEMA7A; CD108; SEMAL; Semaphorin-7A; CDw108; JMH blood group antigen; John-Milton-Hargen human blood group Ag; Semaphorin-K1; Sema K1; Semaphorin-L; Sema L; CD antigen CD108
Observed Band	75kD
Cell Pathway	Cell membrane ; Lipid-anchor, GPI-anchor ; Extracellular side . Detected in a punctate pattern on the cell membrane of basal and supra-basal skin keratinocytes.
Tissue Specificity	Detected in skin keratinocytes and on endothelial cells from skin blood vessels (at protein level). Expressed in fibroblasts, keratinocytes, melanocytes, placenta, testis, ovary, spleen, brain, spinal chord, lung, heart, adrenal gland, lymph nodes, thymus, intestine and kidney.
Function	function:May play an imortant role in the nervous system and in modulating immune function.,online information:Blood group antigen gene mutation database,similarity:Belongs to the semaphorin family.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 PSI domain.,similarity:Contains 1 Sema domain.,tissue specificity:Expressed in placenta, testis, ovary, spleen, brain, spinal chord, lung, heart, adrenal gland, lymph nodes, thymus, intestine and kidney.,
Background	This gene encodes a member of the semaphorin family of proteins. The encoded preproprotein is proteolytically processed to generate the mature

	glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein. The encoded protein is found on activated lymphocytes and erythrocytes and may be involved in immunomodulatory and neuronal processes. The encoded protein carries the John Milton Hagen (JMH) blood group antigens. Mutations in this gene may be associated with reduced bone mineral density (BMD). Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CD108 Polyclonal Antibody