



ATRN Monoclonal Antibody

Catalog No	BYmab-06710
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	ATRN KIAA0548 MGCA
Protein Name	Attractin (DPPT-L) (Mahogany homolog)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ATRN Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	157kD
Cell Pathway	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted .; [Isoform 3]: Secreted .
Tissue Specificity	Isoform 2 is detected in plasma (at protein level). Expressed and secreted by activated T-lymphocytes. Expressed at low to moderate levels in peripheral blood leukocytes, spleen, lymph node, tonsil, bone marrow and fetal liver. At very low levels found in thymus. Isoform 2 is the major isoform in peripheral blood leukocytes.
Function	function:Involved in the initial immune cell clustering during inflammatory response and may regulate chemotactic activity of chemokines. May play a role in melanocortin signaling pathways that regulate energy homeostasis and hair color. Low-affinity receptor for agouti (By similarity). Has a critical role in normal myelination in the central nervous system.,induction:Activation of peripheral blood leukocytes with phytohemagglutinin induces strong expression of the membrane isoform followed by the release of the secreted isoform.,online information:Attractin-2,similarity:Contains 1 C-type lectin

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	domain.,similarity:Contains 1 CUB domain.,similarity:Contains 1 EGF-like domain.,similarity:Contains 2 laminin EGF-like domains.,similarity:Contains 6 Kelch repeats.,tissue specificity:Expressed and secreted by activated T lymphocytes. Expressed at low to moderate levels in peripheral blood leukocytes.
Background	attractin(ATRN) Homo sapiens This gene encodes both membrane-bound and secreted protein isoforms. A membrane-bound isoform exhibits sequence similarity with the mouse mahogany protein, a receptor involved in controlling obesity. A secreted isoform is involved in the initial immune cell clustering during inflammatory responses that may regulate the chemotactic activity of chemokines. [provided by RefSeq, Apr 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.

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