

ARG44151 anti-ACP5 / TRAcP antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal recognizes ACP5 / TRAcP
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ACP5 / TRAcP
Species	Human
Immunogen	Human ACP5 / TRAcP recombinant protein (Position: N39 - P325)
Conjugation	Un-conjugated
Alternate Names	Tartrate-resistant acid ATPase; SPENCDI; TrATPase; TR-AP; EC 3.1.3.2; Type 5 acid phosphatase; TRAP; HPAP; Tartrate-resistant acid phosphatase type 5

Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg / 10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2 - 5 µg/ml
	WB	0.25-0.5 µg/ml

Application Note *The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

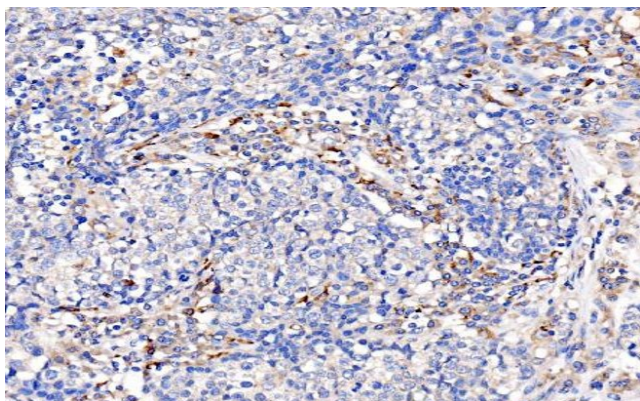
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

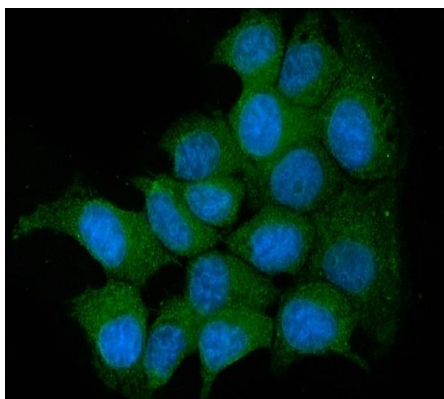
Gene Symbol	ACP5
Gene Full Name	acid phosphatase 5 tartrate resistant
Background	This gene encodes an iron containing glycoprotein which catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+) tartrate. [provided by RefSeq Aug 2008]
Function	Involved in osteopontin/bone sialoprotein dephosphorylation. Its expression seems to increase in certain pathological states such as Gaucher and Hodgkin diseases the hairy cell the B cell and the T cell leukemias. [UniProt]
Calculated Mw	37 kDa
Cellular Localization	Cytoplasmic (lysosomes)

Images



ARG44151 anti-ACP5 / TRAcP antibody IHC-P image

Immunohistochemistry: Human lung stained with ARG44151 anti-ACP5 / TRAcP antibody at 2 µg/ml dilution.

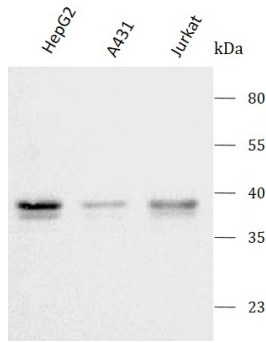


ARG44151 anti-ACP5 / TRAcP antibody ICC/IF image

Immunofluorescence: MCF-7 stained with ARG44151 anti-ACP5 / TRAcP antibody at 5 µg/ml dilution.

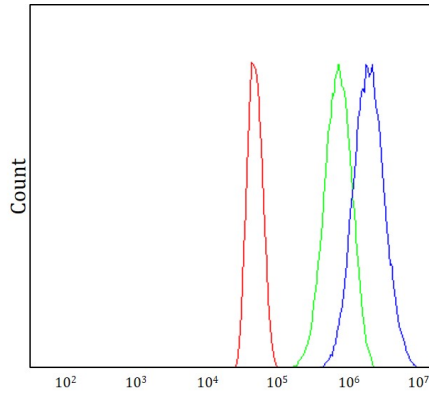
ARG44151 anti-ACP5 / TRAcP antibody WB image

Western blot: HepG2, A431 and Jurkat stained with ARG44151 anti-ACP5 / TRAcP antibody at 0.5 µg/mL dilution.



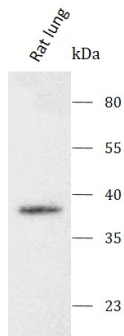
ARG44151 anti-ACP5 / TRAcP antibody FACS image

Flow Cytometry: U251 stained with ARG44151 anti-ACP5 / TRAcP antibody at 1 µg/10⁶ cells dilution.



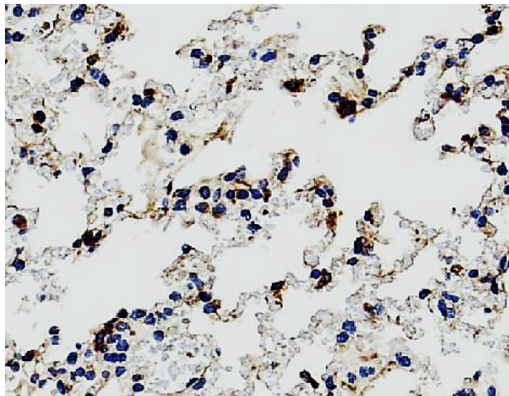
ARG44151 anti-ACP5 / TRAcP antibody WB image

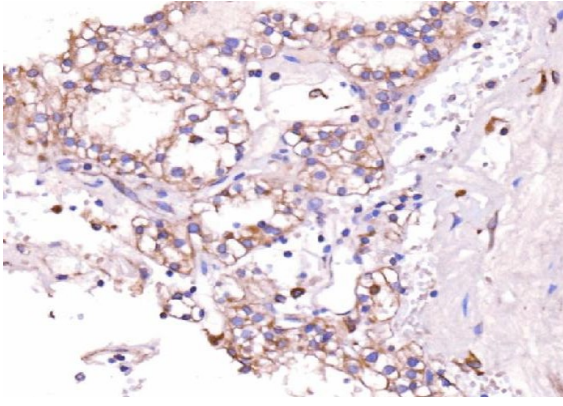
Western blot: Rat lung stained with ARG44151 anti-ACP5 / TRAcP antibody at 0.5 µg/mL dilution.



ARG44151 anti-ACP5 / TRAcP antibody IHC-P image

Immunohistochemistry: Mouse lung stained with ARG44151 anti-ACP5 / TRAcP antibody at 2 µg/ml dilution.





ARG44151 anti-ACP5 / TRAcP antibody IHC-P image

Immunohistochemistry: Human renal cancer stained with ARG44151 anti-ACP5 / TRAcP antibody at 2 μ g/ml dilution.