

Datasheet for ABIN1450326
anti-IL1R1 antibody (pTyr496)



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Overview

Quantity:	100 µL
Target:	IL1R1
Binding Specificity:	AA 471-520, pTyr496
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL1R1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human IL-1Ralpha/CD121alpha around the phosphorylation site of Tyr496.
Isotype:	IgG
Specificity:	IL-1Ralpha/CD121alpha (Phospho-Tyr496) Antibody detects endogenous levels of IL-1Ralpha/CD121alpha only when phosphorylated at Tyr496. PhosphorylationH:Y496, M:Y499, R:Y499
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.

Target Details

Target:	IL1R1
Abstract:	IL1R1 Products
Background:	Synonyms: Antigen CD121a, IL-1R alpha, IL-1R-1, IL-1R-alpha, IL1R, IL1R1, IL1RA, Interleukin-1 receptor, type I precursor, P80 NCBI Gene Symbol: IL1R1
Molecular Weight:	65 kDa
Gene ID:	3554
OMIM:	147810
UniProt:	P14778
Pathways:	NF-kappaB Signaling , Carbohydrate Homeostasis , Cancer Immune Checkpoints

Application Details

Application Notes:	IHC: 1:50~1:100 ELISA: 1:10000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.