

## Histamine H1 Receptor (Phospho-Ser398) Antibody

Catalog No: #11695



Package Size: #11695-1 50ul #11695-2 100ul

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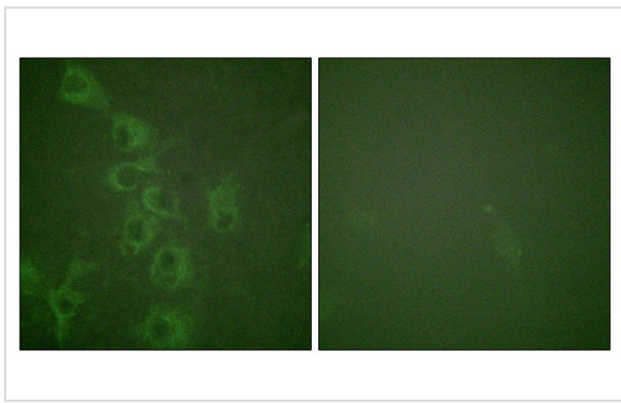
## Description

Product Name	Histamine H1 Receptor (Phospho-Ser398) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of Histamine H1 Receptor only when phosphorylated at serine 398.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 398(S-H-S(p)-R-Q) derived from Human Histamine H1 Receptor .
Target Name	Histamine H1 Receptor
Modification	Phospho
Other Names	H1-R; HRH1; histamine H1 receptor;
Accession No.	Swiss-Prot#: P35367; NCBI Gene#: 3269; NCBI Protein#: NP_000852.1.
Uniprot	P35367
GeneID	3269;
SDS-PAGE MW	55kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

## Application Details

Immunofluorescence: 1:100~1:200

## Images



Immunofluorescence staining of methanol-fixed HuvEc cells using Histamine H1 Receptor (Phospho-Ser398) Antibody #11695.

## Background

In peripheral tissues, the H1 subclass of histamine receptors mediates the contraction of smooth muscles, increase in capillary permeability due to contraction of terminal venules, and catecholamine release from adrenal medulla, as well as mediating neurotransmission in the central nervous system.

de Backer M.D., *Biochem. Biophys. Res. Commun.* 197:1601-1608(1993).

Fukui K., *Biochem. Biophys. Res. Commun.* 201:894-901(1994).

Sjoebloom T., *Science* 314:268-274(2006)

Note: This product is for in vitro research use only