

ARG55889 anti-5-HT / Serotonin antibody [YC5/45]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [YC5/45] recognizes 5-HT / Serotonin
Tested Reactivity	Hu, Ms, Rat, All
Tested Application	ICC/IF, IHC-Fr, IHC-P
Specificity	The antibody specifically recognizes the formaldehyde conjugate of serotonin. Without the paraformaldehyde treatment, the antibody cross-reacts with dopamine and tryptamine in liquid phase haemagglutination tests. It does not react with catecholamine-containing neurons in formaldehyde fixed preparations. The antibody reacts with serotonin in neurons and recognises serotonergic sites in fixed tissue sections.
Host	Rat
Clonality	Monoclonal
Clone	YC5/45
Isotype	IgG
Target Name	5-HT / Serotonin
Conjugation	Un-conjugated
Alternate Names	5-hydroxytryptamine; 5-HT

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay-dependent
	IHC-Fr	1:100 - 1:200
	IHC-P	Assay-dependent

Application Note Antibody reactivity and working conditions may vary between species.
IHC-P: boiling the sections in Tris/EDTA-buffer (pH 9.0)
IHC-Fr: formaldehyde or paraformaldehyde-fixed tissue is recommended.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Non Purified
Buffer	Tissue culture supernatants and 0.05% Thimerosal
Preservative	0.05% Thimerosal
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.