Product datasheet

anti-Clathrin mouse monoclonal, CHC 5.9, lyophilized, purified

Short overview

Cat. No.	61017
Quantity	100 µg
Concentration	100 µg/ml after reconstitution with 1 ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgM
Clone	CHC5.9
Immunogen	Coated vesicles (clathrin) of bovine brain
Formulation	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
UniprotID	P49951 (Bovine), Q00610 (Human), A0A5G2R4Y7 (Pig), P11442 (Rat)
Synomym	Clathrin heavy chain 1, Clathrin heavy chain on chromosome 17, CLH-17, CLTC, CLH17, CLTCL2, KIAA0034
Conjugate	Unconjugated
Purification	Size exclusion chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC, WB
Reactivity	Amphibia, Bovine, Human, Pig, Rat

Applications

Immunohistochemistry (IHC) - frozen	1:10
Western Blot (WB)	1:100-1:500

Background

CHC5.9 represents an excellent marker for detection of receptor mediated endocytosis.Reactive polypeptide: Mr 180 kDa polypeptide (clathrin heavy chain) from coated vesicles of various tissues.Structures and tissues specifically detected: Coated vesicles of different organs and tissues (eg brain, mammary gland, ovaries).Reactivity on cultured cell lines: HeLa, SV-40, RVF-SMC

Product images



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References

Publication	Species	Application
Bruder, G. & Wiedenmann, B. Identification of a distinct 9S form of soluble clathrin in cultured cells and tissues. Exp. Cell Res. 164, 449â€“462 (1986).	human,rat,bovine	WB,ICC-IF,IEM