

Size	Price
100 µl of serum	\$200 (CAN)

Polyclonal rabbit anti-human ecto-5'-Nucleotidase/CD73 antibodies

Name: h5'NT-1_L(I₄,I₅); h5'NT-2_L(I₄,I₅); h5'NT-3_L(I₄,I₅)

Applications¹

	Yes	Dilution	No	Not tested
Western blot (non-reduced)	+	1:500-1:2000		
Western blot (reduced) [¶]	+	1:1000		
Immunohistochemistry [*]	+	1:500		
Flow cytometry				×
ELISA				×
Immunoprecipitation				×

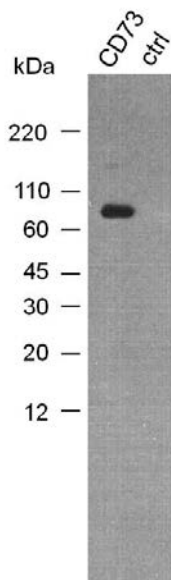
¶ Note that these antibodies work better in non-reduced conditions (i.e. in absence of DTT, mercaptoethanol...)

* Cryosection and acetone fixation

Cross-reactivity

Not tested

Western blot¹



Protein samples (6 µg) from a lysate from HEK 293 cells (ctrl) or HEK 293 transiently transfected with a plasmid encoding for human ecto-5'-Nucleotidase (CD73) were loaded on a NuPAGE® Novex® Bis-Tris 4-12% gel under non-reducing conditions, transferred to an Immobilon-P membrane and incubated with a CD73 antibody (h5'NT-1_L, 1:2000). A specific band is detected only in the sample from cells expressing human CD73.

Storage

To avoid excessive freeze-thaw cycles, a small amount can be kept at 4°C for generally up to one year. A better method consists to dilute the antibody 10 times in one part of 145 mM NaCl, 1% BSA, 10 mM Tris (pH 7.4), and one part of glycerol (for a final concentration of 50% v/v) and to keep it at -20°C (note that 50% glycerol solutions freeze at about -30°C). For long-term storage, freeze samples directly at -80°C.