

Size	Price
50 µl of serum	\$200 (CAN)

## Polyclonal guinea pig anti-human NTPDase1/CD39 antibodies

**Name:** hN1-1<sub>c</sub>(I<sub>4</sub>,I<sub>5</sub>); hN1-2<sub>c</sub>(I<sub>4</sub>,I<sub>5</sub>); hN1-3<sub>c</sub>(I<sub>4</sub>,I<sub>5</sub>)

### Applications<sup>1</sup>

	Yes	Dilution	No	Not tested
Western blot (non-reduced) <sup>§</sup>	+	1:500-1:2000		
Western blot (reduced)			×	
Immunohistochemistry <sup>*</sup>	+	1:500-1:1000		
Flow cytometry				×
ELISA				×
Immunoprecipitation				×

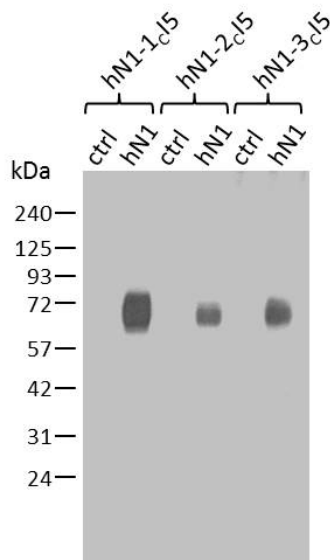
§ Thiol-reactive reagents (e.g. β-mercaptoethanol, DTT) must be avoided as they destroy the epitope recognized by the antibody.

\* Cryosection and acetone fixation

### Cross-reactivity

Not tested

### Western blot<sup>1</sup>



Protein samples (6 µg) from a lysate from COS-7 (ctrl) or from COS-7 transiently transfected with a plasmid encoding for human NTPDase1 (hN1) were loaded on a NuPAGE® Novex® Bis-Tris 4-12% gel under non-reducing conditions, transferred to an Immobilon-P membrane and incubated with three different guinea pig sera anti-human NTPDase1. A specific band is detected only in the sample from cells expressing human NTPDase1.

### **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.