

<b>Cat. No:</b>	AB-82380
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	E.coli-derived human VMAT1/SLC18A1 recombinant protein (Position: M1-E510).
<b>Reactivity:</b>	Hu
<b>Applications:</b>	Western blot: 0.25-0.5µg/ml Immunohistochemistry(Paraffin-embedded Section): 0.5-1µg/ml Flow Cytometry: 1-3µg/1x10 <sup>6</sup> cells Direct ELISA: 0.1-0.5µg/ml
<b>Purification:</b>	Aff. Pur.
<b>Background:</b>	Chromaffin granule amine transporter is a protein that in humans is encoded by the SLC18A1 gene. This gene is mapped to 8p21.3. The vesicular monoamine transporter acts to accumulate cytosolic monoamines into vesicles, using the proton gradient maintained across the vesicular membrane. Its proper function is essential to the correct activity of the monoaminergic systems that have been implicated in several human neuropsychiatric disorders. The transporter is a site of action of important drugs, including reserpine and tetrabenazine.
<b>Form:</b>	Liquid
<b>Buffer:</b>	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Na <sub>3</sub> .
<b>Storage:</b>	At -20°C for one year. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and

**For Research use only  
IMMUNOLOGICAL SCIENCES**