

DESCRIPTION

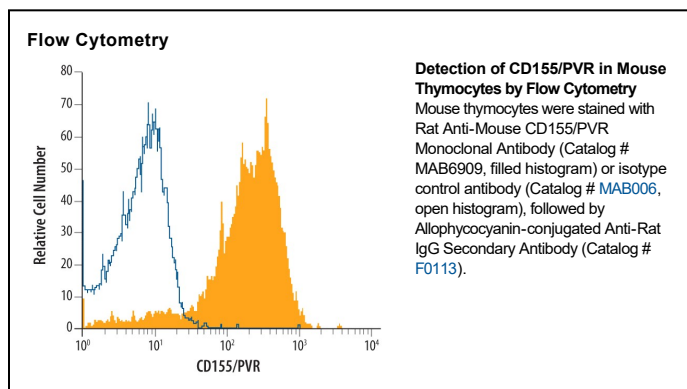
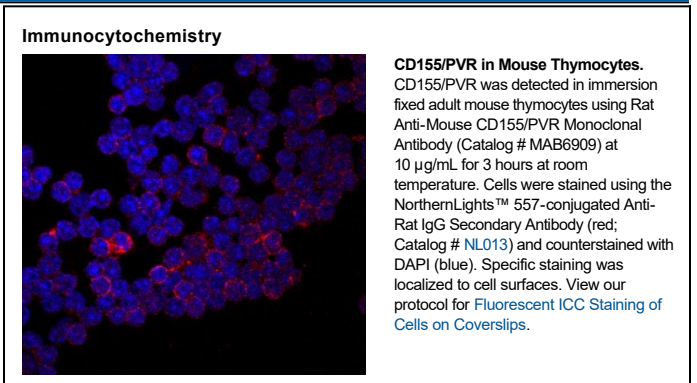
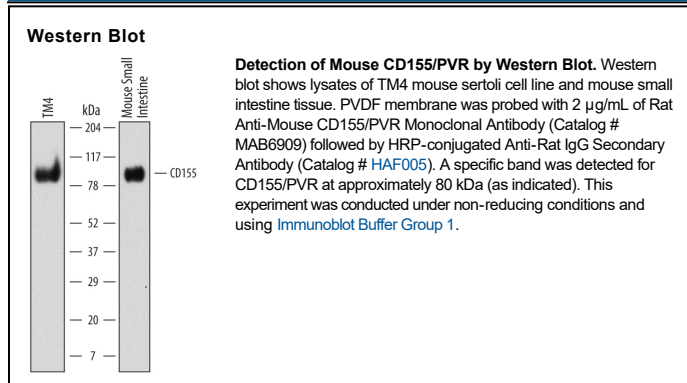
Species Reactivity	Mouse
Specificity	Detects mouse CD155/PVR in direct ELISAs.
Source	Monoclonal Rat IgG _{2A} Clone # 690912
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse CD155/PVR Asp29-Leu348 Accession # NP_081790
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	2 µg/mL	See Below
Flow Cytometry	2.5 µg/10 ⁶ cells	See Below
Immunocytochemistry	8-25 µg/mL	See Below
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

DATA



PREPARATION AND STORAGE

Reconstitution	Sterile PBS to a final concentration of 0.5 mg/mL.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

CD155, also known as PVR (poliovirus receptor) and Nectin-5 (Nectin-like molecule-5), is a 70 kDa type I transmembrane glycoprotein that binds poliovirus as well as Vitronectin, Nectin-3, and DNAM-1. CD155 contains three Ig-like domains in its extracellular region. It is expressed in a variety of normal tissues and is upregulated in tumor cells of epithelial and neuronal origin. Within aa 29-348 of the extracellular region, mouse CD155 shares 45% and 73% aa sequence identity with human and rat CD155, respectively.