Purified Anti-Mouse Podoplanin Antibody[8.1.1], Functional Grade

catalog number: **AN009680**

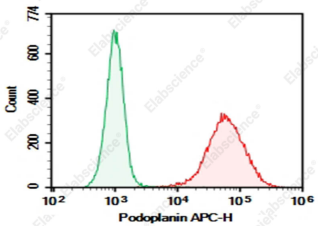
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

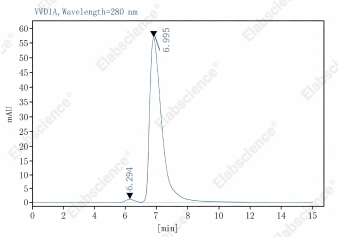
Reactivity	Mouse
Immunogen	Recombinant Mouse Podoplanin protein
Host	Syrian hamster
Isotype	Syrian Hamster IgG2, λ1
Clone	8.1.1
Purification	> 98%, Protein A/G purified, ≥ 95% monomer by analytical SEC
Endotoxin	< 1 EU/mg determined by LAL assay
Conjugation	Unconjugated
Buffer	Sterile PBS, pH 7.2. Contains no stabilizers or preservatives

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume
Block	Reported in the literature

Data



C2C12 cells were stained with 0.2 μg Purified Anti-Mouse Podoplanin Antibody[8.1.1], Functional Grade (Right) and 0.2 μg Syrian Hamster IgG2, κ Isotype Control(Left), followed by APC-conjugated Goat Anti-Syrian Hamster IgG Secondary Antibody.



Monomer purity ≥95% as determined by analytical size-exclusion chromatography (SEC)

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze/thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

Background

The mucin-type glycoprotein podoplanin is thought to be involved in the development of the lymphatic vascular system. Podoplanin is named after its expression in the kidney glomerular epithelial cells (podocytes). It has a potential role in tumor progression.

None (Azide-Free, Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

Application References

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Pengchao Zhang, et al. JCI Insight. 2025 Feb 4;10(6):e186456.