

Rabbit anti-Villin

Cat. No. and Size: **522-16644:** 1 ml immunogen affinity purified immunoglobulin from rabbit serum in 10 mM PBS pH 7.4 with 1 % BSA and 0.1 % sodium azide.
522-16641: 7 ml prediluted antibody in a 50 mM Tris buffer pH 7.6 with 1 % BSA and 0.1 % sodium azide.

Intended Use: For research use only. Not for use in diagnostic procedures.
Clone: N/A
Immunogen: A synthetic peptide corresponding to C-terminus of human villin.
Ig Isotype: Rabbit IgG
Epitope: C-terminus
Molecular Weight: 92.5 kDa
Species Reactivity: Human (tested). Others not tested.

Description: Villin can cap, nucleate, sever and bundle actin in a Ca²⁺ and phosphoinositide-regulated manner. It is associated with the microvillar actin core bundle of intestinal and renal brush border. Villin is composed of six repeats, each containing 150 residues that together constitute the core domain. The core domain retains the Ca²⁺ dependent capping nucleating and severing activity, whereas the headpiece domain contributes towards actin filament bundling and binding F-actin.

Applications: Immunohistochemistry (IHC) on formalin-fixed, paraffin-embedded tissue sections.

IHC Procedure: **Antibody Dilution:** If using the concentrate format of this product, dilute the antibody 1:50. The dilutions are estimates; actual results may differ because of variability in methods and protocols.

Antigen Retrieval: Boil tissue sections in 10mM Citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

Primary Antibody incubation: Incubate for 30 minutes at RT.

Positive Control: Small intestine

Cellular Localization: Cytoplasm






Storage and Stability: Store at 2-8°C. Do not freeze. The user must validate any other storage conditions. Every antibody is expiration dated. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date. There are no definitive signs to indicate instability of this product; therefore, positive and negative controls should be tested simultaneously with unknown specimens.

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Explanation of the symbols on the product label:

REF	Bestellnummer Catalog Number Reference du catalogue		Verwendbar bis Use By Utiliser jusque		Gebrauchsanweisung beachten Consult Instructions for use Consulter les instructions d'utilisation
LOT	Chargenbezeichnung Batch Code Code du lot		Lagerungstemperatur Temperature Limitation Limites de température	RUO	Nur für Forschungszwecke For Research Use Only Pour la recherche uniquement
IVD	In vitro Diagnostikum In Vitro Diagnostic Medical Device Dispositif médical de diagnostic in vitro		Achtung Warning Attention		Hersteller / Manufacturer / Fabricant Zytomed Systems GmbH • Anhaltinerstraße 16 14163 Berlin, Germany • Tel: (+49) 30-804 984 990 www.zytomed-systems.de