Vimentin (Clone SP20)
Rabbit Monoclonal Antibody
Cat. #RM-9120-S0, -S1, or -S (0.1ml, 0.5ml, or 1.0ml Supernatant)
Cat. #RM-9120-R7 (7.0ml) (Ready-to-Use for Immunohistochemical Staining)

**Description:**
Vimentin is the main intermediate filament protein in mesenchymal cells and is therefore of value in the differential diagnosis of undifferentiated neoplasms.

**Comments:** Clone SP20 is excellent for staining of formalin/paraffin with no special pretreatment.

**Mol. Wt. Of Antigen:** 57-60kDa

**Epitope:** Not determined

**Ig Isotype:** Rabbit IgG

**Species Reactivity:** Human. Others-not known.

**Clone Designation:** SP20

**Immunogen:** Recombinant protein encoding human vimentin.

**Applications and Suggested Dilutions:**
- Immunohistology (Formalin/paraffin)
  (Use Ab at 1:200-400 for 30 min with LV’s UltraVision)

  * [No special pretreatment is required for the immunohistochemical staining of formalin/paraffin tissues.]

The optimal dilution for a specific application should be determined by the investigator.

**Positive Control:** Sarcoma and melanoma

**Cellular Localization:** Cytoplasmic

**Supplied As:**
- Tissue culture supernatant with 15mM sodium azide.
- Prediluted antibody which is ready-to-use for immunohistochemical staining.

**Storage and Stability:** Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months.

**Limitations and Warranty:**
Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. NeoMarkers is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

**Material Safety Data:**
This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

*For Research Use Only*