Antibody to **Varicella-zoster virus**

**Product Specifications**

**Description:**
Varicella-zoster virus mouse monoclonal antibodies

**Immunoglobulin class:** IgG1, kappa

**Clone:** C90.2.8

**Immunogen:** Varicella-zoster virus (Marsden strain).

**Epitope:** Not determined.

**Presentation:**
Lyophilized tissue culture supernatant containing 15mM sodium azide. Reconstitute with 1ml of distilled water.

**Storage Conditions:**
Keep unopened vial at 2 - 8 °C for 1 year. Once opened it is recommended that reconstituted stock solution be aliquoted and quick frozen and stored at -20 °C. Do not repeatedly freeze/thaw.

**Applications:**

**Immunohistochemistry**
- Paraffin sections: Yes
- Frozen sections: Not evaluated
- Working Dilution*: 1:25 - 1:50 for 1 hr at 25°C
- Positive Control: Formalin-fixed paraffin-embedded varicella-zoster virus infected vesicle from skin.

**Immunohistochemistry**
- Working Dilution*: 1:25 - 1:50
  
  See attached for protocol. Read using immersion oil eg Cargille type FF (Product No. 12612).
- Positive Control: Acetone-fixed MRC-5 cells infected with varicella-zoster virus. Cytoplasmic staining pattern.

**Western blotting:** Not tested.

* Recommended dilutions using VECTASTAIN® Elite® ABC Kits.

**Functional Aspects:**
Varicella-zoster virus (VZV) is responsible for varicella (chicken pox) and herpes zoster (shingles) diseases. This antibody is specific for VZV and does not cross-react with respiratory syncytial virus, parainfluenza virus types 1, 2, 3 and 4b, adenovirus, herpes simplex virus types 1 and 2, influenza virus types A and B, mumps virus, measles virus, ECHOvirus 19, coxsackie B4 virus or poliovirus types 1, 2, and 3.

**Selected References**


VP-V680 is recommended FOR PROFESSIONAL AND RESEARCH USE ONLY.

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