

Mouse Monoclonal Antibody to

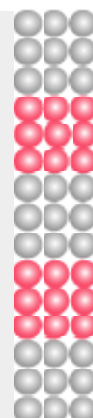
Vimentin (N-Terminus)

clone 11H6

Order No.: 0236-100/Vim-11H6

Size (µg) 100

Lot No.: 0236S



01/220207F

| Isotype: | Species Reactivity | Applications | Mol. Weight | Ref. Cell Line | Epitope: | Immunogen: |
|----------|--------------------|--------------|-------------|----------------|------------|----------------------------------|
| IgG1 | human, mouse, dog | WB | 54 kDa | Hela | N-Terminus | peptide conjugated to hemocyanin |

Background and Specificity:

Vimentin is a major subunit protein of intermediate filaments found in mesenchymal cells. Vimentin is expressed in many tumors/tumor cell lines after epithelial to mesenchymal transition.

Mab Vim-11H6 specifically recognizes Vimentin at 54 kDa in Western-blot applications.

| | |
|------------------------|--|
| Purification: | The antibody was purified from serum-free cell culture supernatant by subsequent ultrafiltration and size exclusion chromatography. |
| Formulation: | lyophilized from 1 ml 2 x PBS / 0.09 % Na-azide / PEG and Sucrose. |
| Reconstitution: | Reconstitute with 1 ml H ₂ O (15 min, RT). |
| Stability: | For long-term storage, freeze lyophilizate upon arrival (-20°C). Upon reconstitution, aliquote and freeze in liquid nitrogen; reconstituted antibody can be stored frozen at -80°C up to 1 year. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months. |

Avoid repeated freeze / thaw cycles.

Positive Control: #0821: Cell lysate from untreated Hela cells

Immunoblotting: 0.5 µg/ml for HRPO/ECL detection
Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer, e.g. nanoTools product #3031-500/CPPT or #3031-3000/CPPT.

Immunoprecipitation ND

Immunocytochemistry ND

ELISA: ND

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Related Products

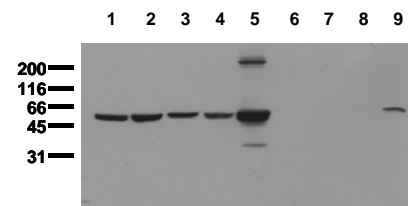
mab to human M-cadherin
#0124-100/MCAD-21G4

mab to mouse M-cadherin
#0106-100/MCAD-12G4

mab to E-cadherin
#0234-100/ECAD-22F8

mab to N-Cadherin
#0235-100/NCAD-7E9

For monoclonal antibodies against beta-catenin, TFF3, and LEF, please refer to our website at www.nanotools.de



Detection of endogenous Vimentin

Whole cell lysates of serum starved tumor cells (20.000 cells per lane) were applied to SDS-PAGE and transferred to a PVDF membrane. The immunoblot was probed with mab Vim-11H6 (0.5 µg/ ml) for 1h at RT and developed by ECL (exp. time: 30 sec).

lane 1: HeLa; lane 2: HepG2; lane 3: HEK293; lane 4: SH-SY5Y; lane 5: MDCK; lane 6: PC12; lane 7: CMT 93; lane 8: Neuro 2A; lane 9: 3T3