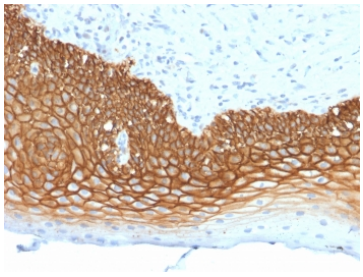
# CD44v3 Antibody [clone 3G5] (V3768)

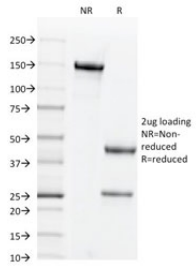
| Catalog No. | Formulation | Size |
|---|---|---|
| V3768-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V3768-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V3768SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | 3G5 |
| **Purity** | Protein G affinity chromatography |
| **UniProt** | P16070 |
| **Localization** | Cell surface, cytoplasmic |
| **Applications** | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT |
| **Limitations** | This CD44v3 antibody is available for research use only. |



IHC testing of FFPE human cervical carcinoma with CD44v3 antibody (clone 3G5). Required HIER: steam sections in pH 9 10mM Tris with 1mM EDTA buffer for 10-20 min and allow to cool before testing.




SDS-PAGE analysis of purified, BSA-free CD44v3 antibody (clone 3G5) as confirmation of integrity and purity.

## Description

This antibody recognizes an epitope encoded by exon v3 on the variant portion of human CD44. The CD44 molecule belongs to a family of cellular adhesion molecules found on a wide range of normal and malignant cells in epithelial, mesothelial and hemopoiesis tissues. It is a single gene with 20 exons, of which 10 are normally expressed to encode the basic CD44 (H-CAM) molecule. The additional 10 exons (v1 to v10) are only expressed by alternative splicing of the nuclear RNA. The expression of specific cell adhesion molecule CD44 splice variants has been reported to be associated with metastasis in certain human malignancies.

## Application Notes

Titering of the CD44v3 antibody may be required for optimal performance.

## Immunogen

An amino acid sequence from the variant 3 domain of CD44 was used as the immunogen for the CD44v3 antibody.

## Storage

Store the CD44v3 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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