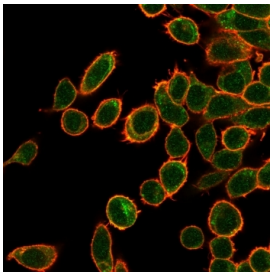
# OVOL2 Antibody / Ovo-like 2 [clone PCRP-OVOL2-2A1] (V8773)

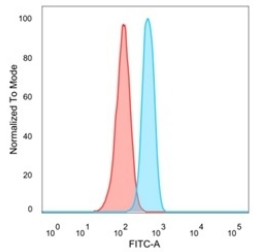
| Catalog No. | Formulation | Size |
|---|---|---|
| V8773-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V8773-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V8773SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

**Bulk quote request**

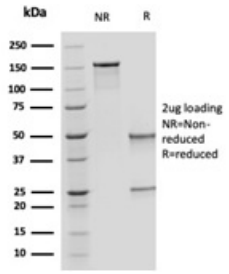
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1 |
| **Clone Name** | PCRP-OVOL2-2A1 |
| **Purity** | Protein A/G affinity |
| **UniProt** | Q9BRP0 |
| **Localization** | Nucleus, cytoplasm |
| **Applications** | Flow Cytometry : 1-2ug/million cells<br>Immunofluorescence : 1-2ug/ml |
| **Limitations** | This OVOL2 antibody is available for research use only. |



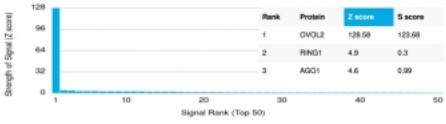
Immunofluorescent staining of PFA-fixed human HeLa cells using OVOL2 antibody (green, clone PCRP-OVOL2-2A1) and phalloidin (red).




FACS staining of PFA-fixed human HeLa cells with OVOL2 antibody (blue, clone PCRP-OVOL2-2A1), and unstained cells (red).




SDS-PAGE analysis of purified, BSA-free OVOL2 antibody (PCRP-OVOL2-2A1) as confirmation of integrity and purity.




Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using OVOL2 antibody (clone PCRP-OVOL2-2A1). These results demonstrate the foremost specificity of the PCRP-OVOL2-2A1 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

## Description

Transcription factor Ovo-like 2 is a zinc-finger transcription repressor factor that suppresses cell cycling and terminal differentiation of keratinocytes by directly repressing MYC and NOTCH1. (UniProt)

## Application Notes

Optimal dilution of the OVOL2 antibody should be determined by the researcher.

## Immunogen

Recombinant full-length human OVOL2 protein was used as the immunogen for the OVOL2 antibody.

## Storage

Aliquot the OVOL2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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