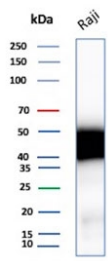
# CD48 Antibody [clone CD48/8601R] (V4744)

| Catalog No. | Formulation | Size |
|---|---|---|
| V4744-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4744-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V4744SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

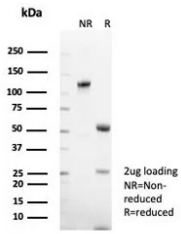
Recombinant RABBIT MONOCLONAL

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG, kappa |
| **Clone Name** | CD48/8601R |
| **Purity** | Protein A/G affinity |
| **UniProt** | P09326 |
| **Localization** | Cell surface |
| **Applications** | Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT<br>Western blot: 2-4ug/ml |
| **Limitations** | This CD48 antibody is available for research use only. |




Western blot testing of human Raji cell lysate with CD48 antibody. Expected molecular weight: 28-50 kDa depending on glycosylation level.




SDS-PAGE analysis of purified, BSA-free CD48 antibody (clone CD48/8601R) as confirmation of integrity and purity.

## Description

Reacts with human CD48, a 45kDa glycosyl phophatidyl-inositol (GPI)-anchored cell surface protein. CD48 is strongly expressed on lymphocytes and monocytes and weakly on granulocytes but is absent on platelets, fibroblasts, epithelium and endothelium. CD48 is one of marker for detecting the defects of GPI anchoring structure on the patients with paroxysmal nocturnal hemoglobulinuria (PNH) and serves as a low affinity ligand for CD2.

## Application Notes

Optimal dilution of the CD48 antibody should be determined by the researcher.

## Immunogen

A recombinant partial protein sequence (within amino acids 59-178) from the human protein was used as the immunogen for the CD48 antibody.

## Storage

Aliquot the CD48 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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