

## Summary

|                        |  |
|------------------------|--|
| <b>Production Name</b> | B7H4 Rabbit Monoclonal Antibody        |
| <b>Description</b>     | Recombinant Rabbit Monoclonal antibody |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB,IHC-F,IHC-P,ICC/IF                  |
| <b>Reactivity</b>      | Human                                  |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | IgG  |
| <b>Clonality</b>    | Monoclonal Antibody  |
| <b>Form</b>         | Liquid   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA    |
| <b>Purification</b> | Affinity Purified  |

## Immunogen

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | VTCN1   |
| <b>Alternative Names</b> | B7X; B7H4; B7S1; B7-H4; B7h.5; VCTN1; PRO1291 |
| <b>Gene ID</b>           | 79679   |
| <b>SwissProt ID</b>      | Q7Z7D3  |

## Application

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 |
| <b>Molecular Weight</b> | Calculated MW: 31 kDa; Observed MW: 70 kDa      |

## Background

**Product Name: B7H4 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe01707**

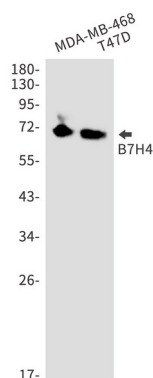


This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene.

## Research Area

Cell Biology

## Image Data



Western blot analysis of B7H4 in MDA-MB-468, T47D lysates using B7H4 antibody.

## Note

For research use only.