

## MyD88 (V220) polyclonal antibody

Catalog: BS3521

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The myeloid differentiation protein MyD88 was originally characterized as a protein upregulated in myeloleukemic cells following IL-6-induced growth arrest and terminal differentiation. MyD88 is now known to function as an adaptor protein for the association of IRAK with the IL-1 receptor. MyD88 is functionally homologous to the adaptor protein tube in the Toll signaling pathway of *Drosophila*, and both proteins are members of the Toll/IL-1R superfamily. MyD88 contains a characteristic N-terminal death domain that is essential for NF $\kappa$ B activation and an adjacent Toll/IL-1R homology domain (TIR domain). Collectively, these domains enable the protein-protein interactions of MyD88 with IRAK and the IL-1 receptor complex.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 35 kDa

### Swiss-Prot:

Q99836

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

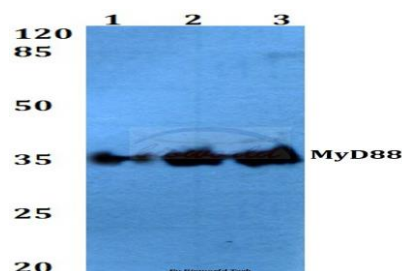
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

MyD88 (V220) polyclonal antibody detects endogenous levels of MyD88 protein.

### DATA:

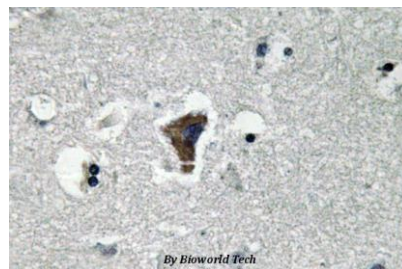


Western blot (WB) analysis of MyD88 (V220) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate



Immunohistochemistry (IHC) analyzes of MyD88 (V220) pAb in paraffin-embedded human brain tissue.

### Note:

For research use only, not for use in diagnostic procedure.

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