

**bsm-61678R**

**[ Primary Antibody ]**

## CD166 Recombinant Rabbit mAb

**Bioss**  
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

### — DATASHEET —

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Recombinant

**CloneNo.:** 7E3

**GeneID:** 214

**SWISS:** Q13740

**Target:** CD166

**Immunogen:** A synthesized peptide derived from human ALCAM: 540-583/583.

**Purification:** affinity purified by Protein A

**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

**Background:** Cell adhesion molecule that binds to CD6. Involved in neurite extension by neurons via heterophilic and homophilic interactions. May play a role in the binding of T- and B-cells to activated leukocytes, as well as in interactions between cells of the nervous system.

**Applications:** WB (1:500-2000)

**IHC-P** (1:100-500)

**IHC-F** (1:100-500)

**IF** (1:100-500)

**Flow-Cyt** (1:50-100)

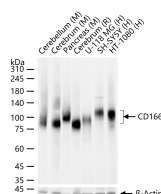
**IP** (1:20-50)

**Reactivity:** Human, Mouse, Rat

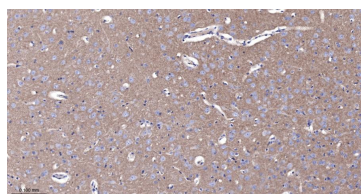
**Predicted  
MW.:** 65

**Subcellular  
Location:** Cell membrane

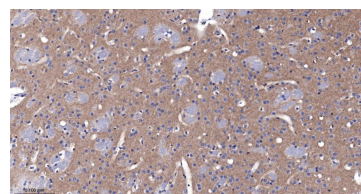
### — VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with CD166 monoclonal antibody, unconjugated (bsm-61678R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD166 Monoclonal Antibody, Unconjugated (bsm-61678R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD166 Monoclonal Antibody, Unconjugated (bsm-61678R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.