

bs-6522R

[Primary Antibody]

CKMT Rabbit pAb

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DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Target: CKMT

Immunogen: KLH conjugated synthetic peptide derived from human CKMT: 115-220/417.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

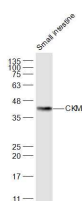
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Applications: WB (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (2ug/Test)

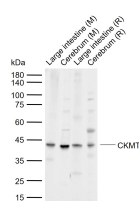
Reactivity: Human, Mouse, Rat
(predicted: Rabbit, Pig, Cow, Dog, Horse)

Predicted MW.: 43 kDa

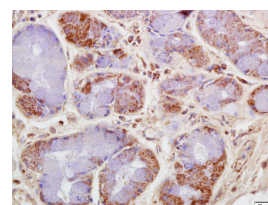
VALIDATION IMAGES



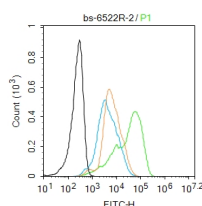
Sample: Small intestine (Mouse) Lysate at 40 ug
Primary: Anti-CKMT (bs-6522R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kD
Observed band size: 43 kD



Sample: Lane 1: Mouse Large intestine tissue lysates
Lane 2: Mouse Cerebrum tissue lysates
Lane 3: Rat Large intestine tissue lysates
Lane 4: Rat Cerebrum tissue lysates
Primary: Anti-CKMT (bs-6522R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 43 kDa
Observed band size: 43 kDa



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-CKMT/Creatine kinase MT Polyclonal Antibody, Unconjugated(bs-6522R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Blank control: MCF7. Primary Antibody (green line): Rabbit Anti-CKMT antibody (bs-6522R)
Dilution: 2µg / 10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF488 Dilution: 1µg / test. Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=4.142]** Matsuyama, Ryo. et al. Metabolite alteration analysis of acetaminophen-induced liver injury using a mass microscope. Anal Bioanal Chem. 2022 Mar;:1-10 IHC ;Rat. 35305118