

bs-5888R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

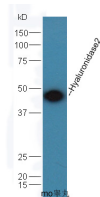
sales@bioss.com.cn

techsupport@bioss.com.cn

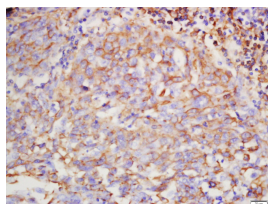
400-901-9800

Hyaluronidase2 Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 8692	SWISS: Q12891	IHC-F (1:100-500)
Target: Hyaluronidase2		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human HYAL2: 111-210/473.		Reactivity: Human, Mouse (predicted: Rat)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 49 kDa
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.		Subcellular Location: Cell membrane
Background: Hydrolyzes high molecular weight hyaluronic acid to produce an intermediate-sized product which is further hydrolyzed by sperm hyaluronidase to give small oligosaccharides. Displays very low levels of activity. Associates with and negatively regulates MST1R.		

VALIDATION IMAGES

Sample: Testis (Mouse) Lysate at 40 ug Primary: Anti-Hyaluronidase2 (bs-5888R) at 1/300 dilution
Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution Predicted band size: 49 kD Observed band size: 49 kD



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-Hyaluronidase 2 Polyclonal Antibody, Unconjugated(bs-5888R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=6.438]** Anna Kocurkova. et al. Endogenously produced hyaluronan contributes to the regulation of peritoneal adhesion development. BIOFACTORS. 2023 May;; IHC ;Mouse. 37154260
- **[IF=4.879]** Petra Žádníková. et al. The Degradation of Hyaluronan in the Skin. Biomolecules. 2022 Feb;12(2):251 WB,IHC,IF ;Human. 35204753
- **[IF=3.6]** Romana Šínová. et al. The hyaluronan metabolism in the UV-irradiated human epidermis and the relevance of in vitro epidermal models. EXP DERMATOL. 2023 Jul;; IF ;Human. 37443444
- **[IF=3.1]** Benben Sun. et al. Protecting and rejuvenating ageing skin by regulating endogenous hyaluronan metabolism using adipose-derived stem cell-secreted siRNAs. FRONT MED-LAUSANNE. 2025 Apr;12: WB ;Mouse. 40365494

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