ARG30230
Phospho Integrin beta 3 Antibody Panel (Total, pY773, pY785)

Package: 1 kit
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG51564	anti-CD61 / Integrin beta 3 phospho (Tyr773) antibody	Rabbit pAb	Hu, Ms	IHC-P, WB	50 µl
ARG51763	anti-CD61 / Integrin beta 3 phospho (Tyr785) antibody	Rabbit pAb	Hu, Ms	WB	50 µl
ARG54044	anti-CD61 / Integrin beta 3 antibody (N-term)	Mouse mAb	Hu	WB	50 µl
ARG65350	Goat anti-Mouse IgG antibody (HRP)	Goat pAb	Ms	ELISA, IHC-P, WB	50 µl
ARG65351	Goat anti-Rabbit IgG antibody (HRP)	Goat pAb	Rb	ELISA, IHC-P, WB	50 µl

Summary

Product Description	Cells recognize and respond to their extracellular environment through transmembrane receptors such as integrins, which physically connect the extracellular matrix to the cytoskeleton. Integrins provide the basis for the assembly of intracellular signaling platforms that link to the cytoskeleton and influence nearly every aspect of cell physiology. The integrin beta 3 protein mediates platelet adhesion to immobilized fibrinogen. Adhesion to fibrinogen induced rapid phosphorylation of Integrin beta 3 on Tyr773 and Tyr785 residues, which was reduced by Nitrogen Oxide in a cGMP independent manner. Oberprieler et al. 2007. FEBS Lett 581(7) Legate and Fassler. J Cell Sci 122: 187-98
Target Name	Integrin beta 3
Alternate Names	Phospho Integrin beta 3 antibody; CD61 / Integrin beta 3 phospho (Tyr773) antibody; CD61 / Integrin beta 3 phospho (Tyr785) antibody; CD61 / Integrin beta 3 antibody (N-term)

Properties

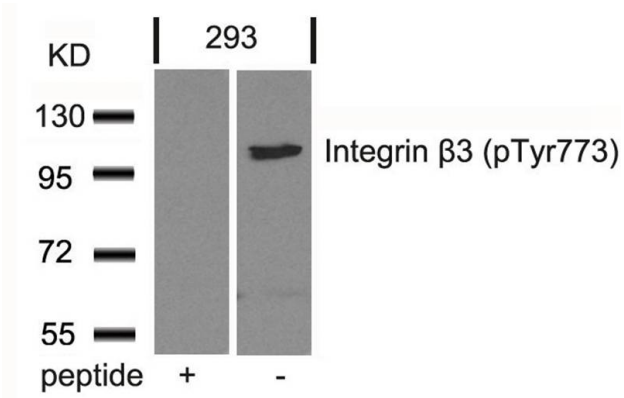
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name	Antibody Panel for Phospho Integrin beta 3 (Total, pY773, pY785)
Highlight	Related Product: anti-CD61 / Integrin beta 3 antibody;

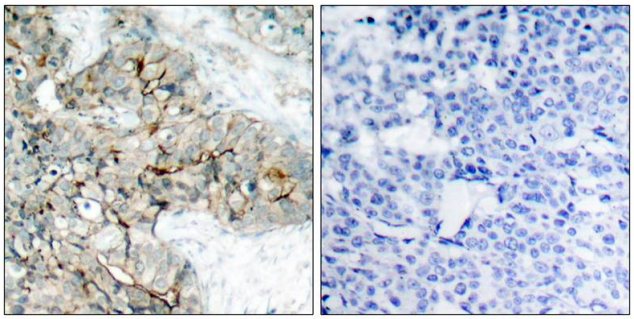
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Immune System antibody; Signaling Transduction antibody

Images



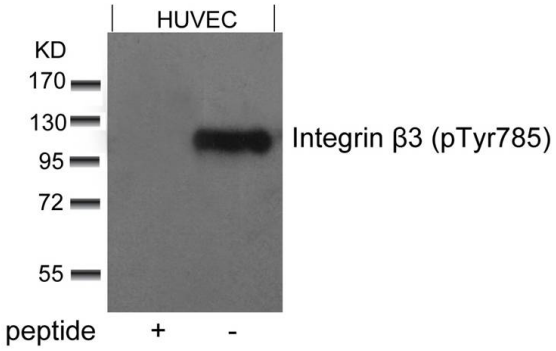
ARG51564 anti-Integrin beta 3 phospho (Tyr773) antibody WB image

Western Blot: extracts from 293 cells stained with anti-Integrin beta 3 (phospho Tyr773) antibody ARG51564 and the same antibody preincubated with blocking peptide.



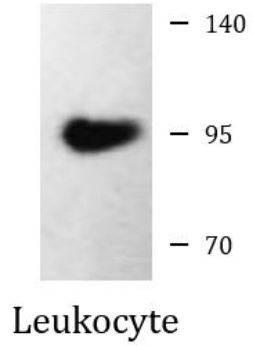
ARG51564 anti-Integrin beta 3 phospho (Tyr773) antibody IHC-P image

Immunohistochemistry: paraffin-embedded human breast carcinoma tissue stained with anti-Integrin beta 3 (phospho Tyr773) antibody ARG51564 (left) or the same antibody preincubated with blocking peptide (right).



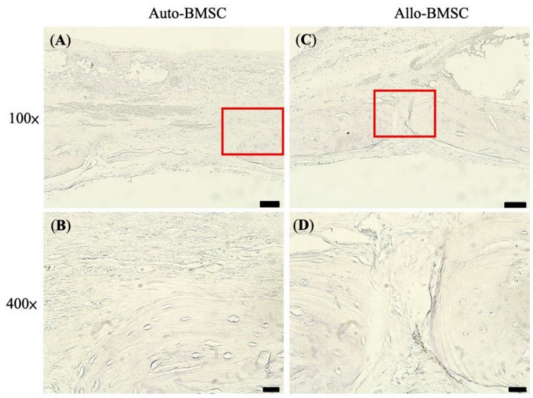
ARG51763 anti-Integrin beta 3 phospho (Tyr785) antibody WB image

Western Blot: extracts from HUVEC cells stained with anti-Integrin beta 3 (phospho Tyr785) antibody ARG51763 and the same antibody preincubated with blocking peptide .



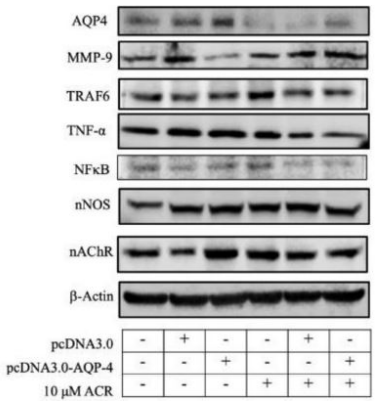
ARG54044 anti-CD61 / Integrin beta 3 antibody (N-term) WB image

Western blot: 25 µg of Leukocyte lysate stained with ARG54044 anti-CD61 / Integrin beta 3 antibody (N-term) at 1:1000 dilution.



ARG65350 Goat anti-Mouse IgG antibody (HRP) IHC-P image

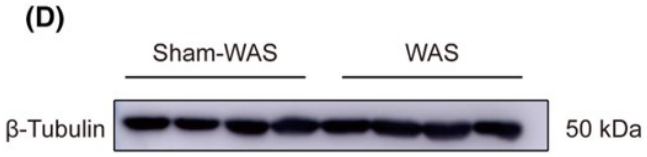
From Cheng-Feng Chu et al. J Pers Med. (2021), doi: 10.3390/jpm11121326, Fig. 6.



ARG65350 Goat anti-Mouse IgG antibody (HRP) WB image

Western blot: Neuro-2a stained with ARG22361 anti-Aquaporin 4 antibody , ARG40638 anti-MMP9 antibody and ARG65350 Goat anti-Mouse IgG antibody (HRP).

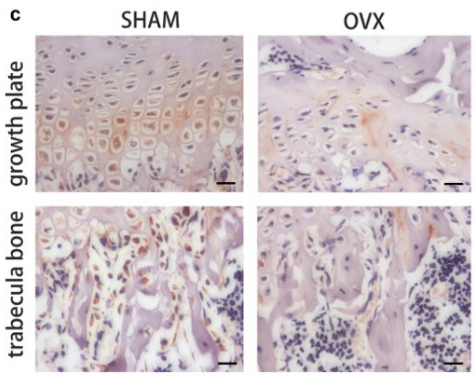
From Hung CY et al. Molecules (2022), doi: 10.3390/molecules27031066, Fig. 6A.



ARG65350 Goat anti-Mouse IgG antibody (HRP) WB image

Western blot: Rat basolateral amygdala stained with ARG62347 anti-beta Tubulin antibody [BT7R] at 1:1000 dilution, ARG65350 Goat anti-Mouse IgG antibody (HRP) at 1:5000 dilution.

From Guang-Bing Duan et al. CNS Neurosci Ther. (2024), doi: 10.1111/cns.14611, Fig. 4.D.



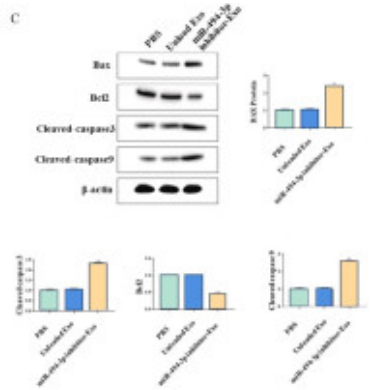
ARG65351 Goat anti-Rabbit IgG antibody (HRP) IHC-P image

From Yu-Qian Song et al. J Mol Med (Berl) (2022), doi: 10.1007/s00109-021-02165-0, Fig. 5.c.

ARG65351 Goat anti-Rabbit IgG antibody (HRP) WB image

Western blot: HK2 stained with ARG66421 anti-CXCL12 / SDF1 antibody [SQab18123] and ARG10112 anti-GAPDH antibody [6C5] and secondary antibody used ARG65351 Goat anti-Rabbit IgG antibody (HRP).

From Zhou Y et al. Central European Journal of Immunology (2022), doi: 10.5114/ceji.2022.115628, Fig. 2. E.



ARG65351 Goat anti-Rabbit IgG antibody (HRP) WB image

Western blot: Gastric cancer cells stained with ARG66247 anti-Bax antibody, ARG55188 anti-Bcl 2 antibody, ARG57512 anti-Caspase 3 (cleaved) antibody and ARG62346 anti-beta Actin antibody [BA3R]. Secondary Antibody stained with ARG65351 Goat anti-Rabbit IgG antibody (HRP).

From Limin Zhang et al. Heliyon (2024), doi: 10.1016/j.heliyon.2024.e30803, Fig. 4. C.