

## Actin-pan (AcK52/50/51) blocking peptide

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Blocking peptide binds specifically to the target antibody and block undesirable antibody binding. This occurs because the peptide resembles the epitope for which the antibody is specific, therefore, the antibody binds to the blocking peptide are no longer able to bind to the epitope in the protein.

Pre-adsorption with blocking peptide greatly improves the results and it is extremely useful in immunohistochemistry (IHC) or in Western blotting (immunoblotting) when non-specific binding is an issue.

This peptide is recommended to block anti-Actin-pan (AcK52/50/51) Antibody (Catalog no. 4076223) reactivity

Directions for Use: Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours

Catalog No.	5176223
Size	1mg
Product Category	Blocking Peptide
Gene Symbol	ACTA2; ACTB; ACTC1; ACTG1; ACTG2; ACTA1
UniProt ID	P62736; P60709; P68032; P63261; P63267; P68133
Purity	>85%

Synonyms	ACTA2; ACTSA; ACTVS; GIG46; Actin aortic smooth muscle; Alpha-actin-2; Cell growth-inhibiting gene 46 protein; ACTB; Actin cytoplasmic 1; Beta-actin; ACTC1; ACTC; Actin alpha cardiac muscle 1; Alpha-cardiac actin; ACTG1; ACTB; ACTG; Actin cytoplasmic 2; Gamma-actin; ACTG2; ACTA3; ACTL3; ACTSG; Actin gamma-enteric smooth muscle; Alpha-actin-3; Gamma-2-actin; Smooth muscle gamma-actin; ACTA1; ACTA; Actin alpha skeletal muscle; Alpha-actin-1
Storage/Stability	-20°C/1 year
Shipping	Gel Packs

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