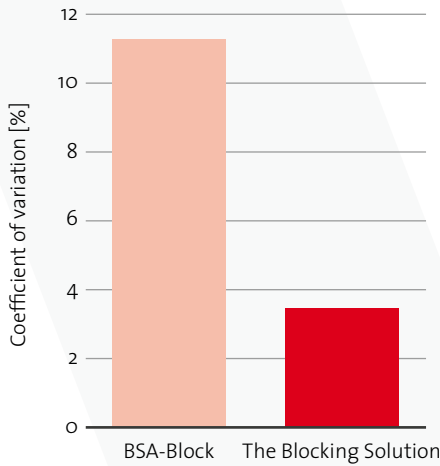




A COMPARISON OF RESULTS

ELISA (competitive)



Decrease of the CV

with $n=96$, measured at the maximum Bo

The Blocking Solution impressively lowered the coefficient of variation as shown in this successful assay validation of a competitive ELISA.

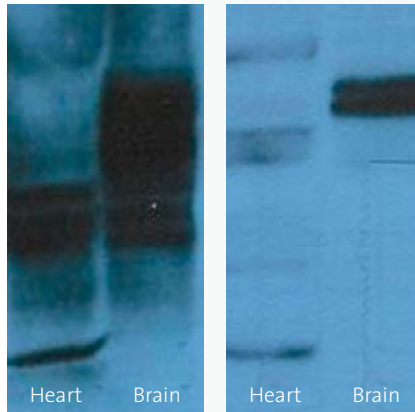
Data from Dr. P. Rauch, CANDOR Bioscience GmbH

Western blotting

5% milk powder
in Tween-PBS

The Blocking Solution
+ LowCross-Buffer®

Detection of CaMKII in lysate from heart
and brain tissues of C57Bl/6 mice.



Monoclonal Anti CaMKII was used as
primary antibody and a polyclonal HRP
conjugate as secondary antibody.

Only the combination of Blocking Solu-
tion and LowCross-Buffer® (as dilution
buffer for primary and secondary anti-
bodies) leads to a clear result.

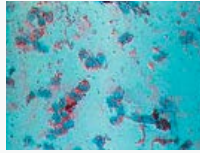
Data from Dr. Tronhung Quang,
Dr. Rainer Klocke and Dr. Sigrid Nikol,
university hospital of Münster, cardiology

A COMPARISON OF RESULTS

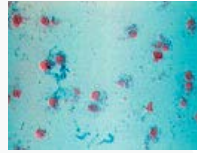


Immunohistochemistry

1% BSA in PBS



The Blocking Solution



Detection of nestin on cytopsin-preparation of the neuroblastoma cell line SK-N-LO by ABC-immunocytochemical staining with alkaline phosphatase.

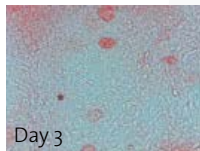
Using Blocking Solution leads to a strong reduction of unwanted two-dimensional background.

After correct staining of cytoplasmatical nestin also the haematoxylin counterstain of the cell nuclei is not problematic any longer for the interpretation of results.

Data from Dr. Astrid Voigt, paediatric clinic, university of Jena

Immunohistochemistry

CANDOR
The Blocking Solution



Standard
BSA blocking



Detection of osteocalcin in osteoblast culture.

A fresh osteoblast culture shows, on the first day, no or very weak expression of the extracellular matrix protein osteocalcin. Using Blocking Solution the situation is presented correctly (shown left side, first picture). Standard blocking with BSA leads to a false positive result (right side). With increasing duration of cell culture, extra-cellular matrix and osteocalcin is building up.

The increase can be tracked correctly by using CANDOR The Blocking Solution. The cultures are stained intensively.

Data from PH Dr. H.-P. Wiesmann, group tissue engineering and biomaterials, clinic for oral and maxillofacial surgery, university of Münster