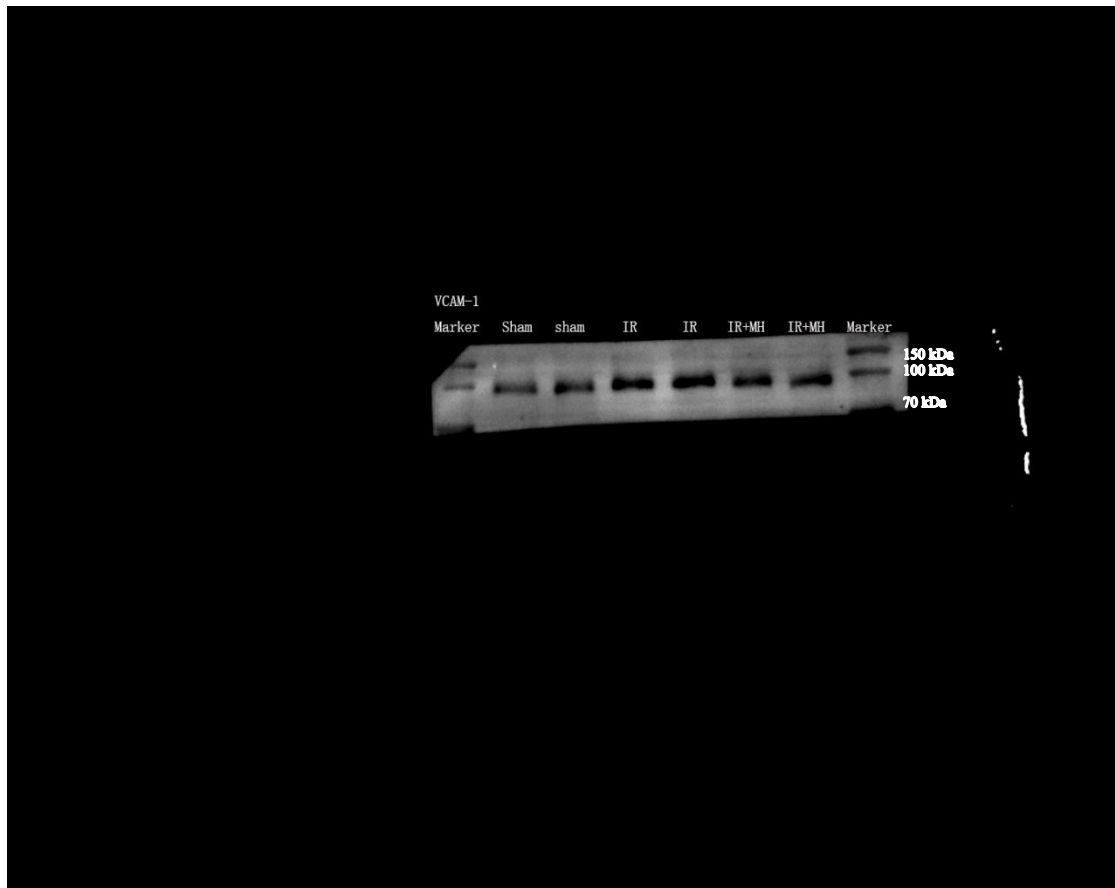
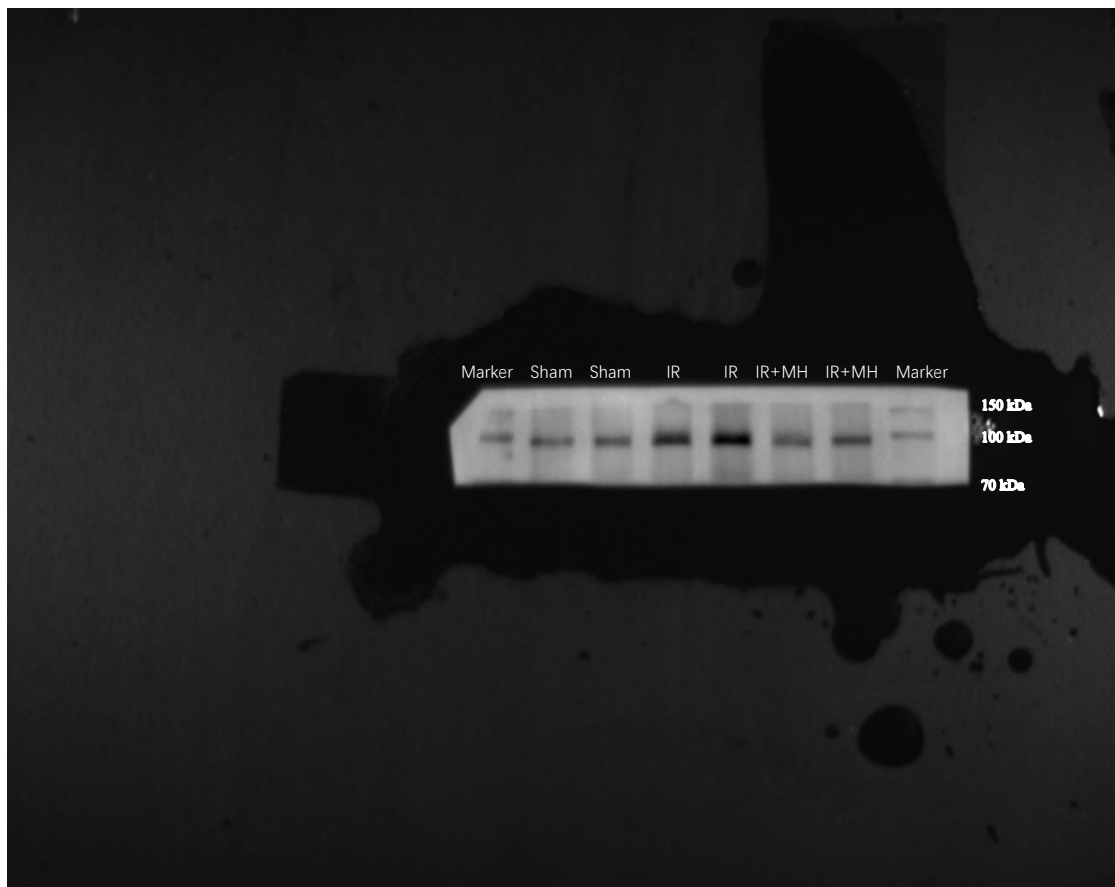


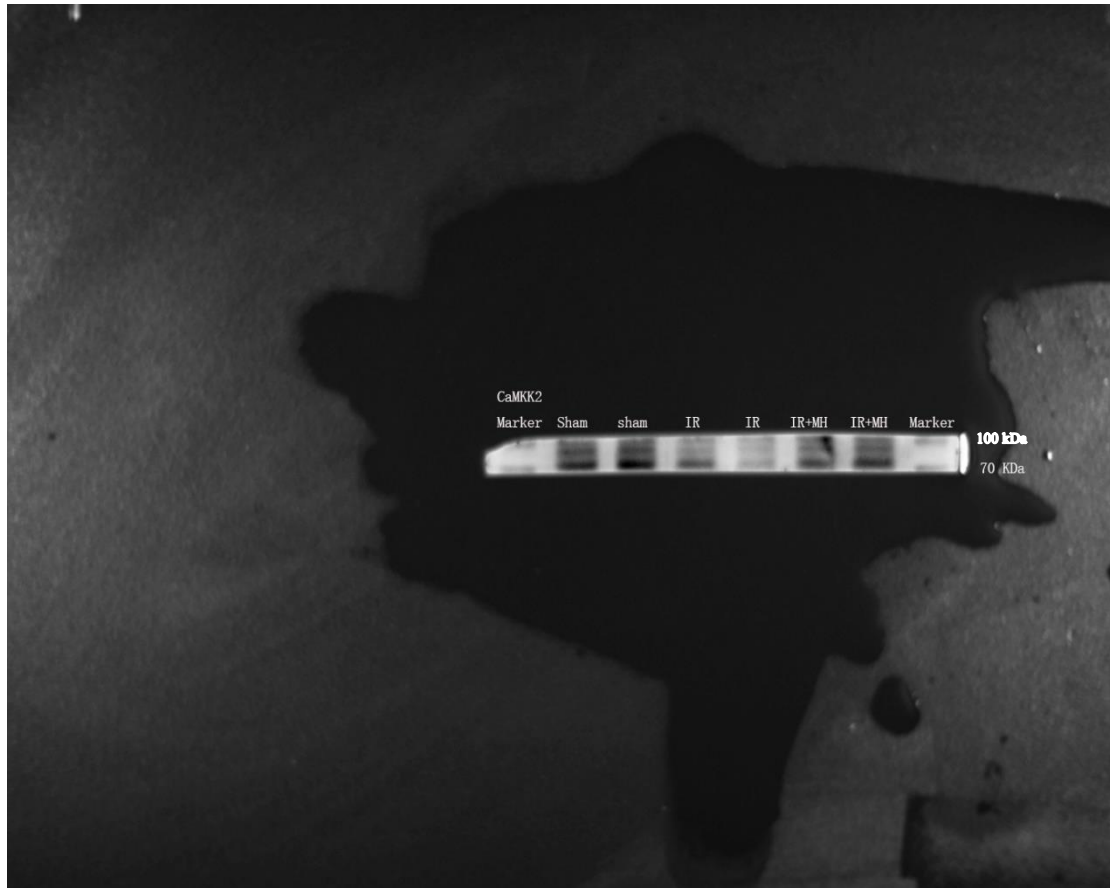
- a. Western blotting analysis of VCAM-1 in the three groups



- b. Western blotting analysis of VCAM-1 in the three groups.



c. Western blotting analysis of CaMKK2 in the three groups.



d. Western blotting analysis of CaMKK2 in the three groups.



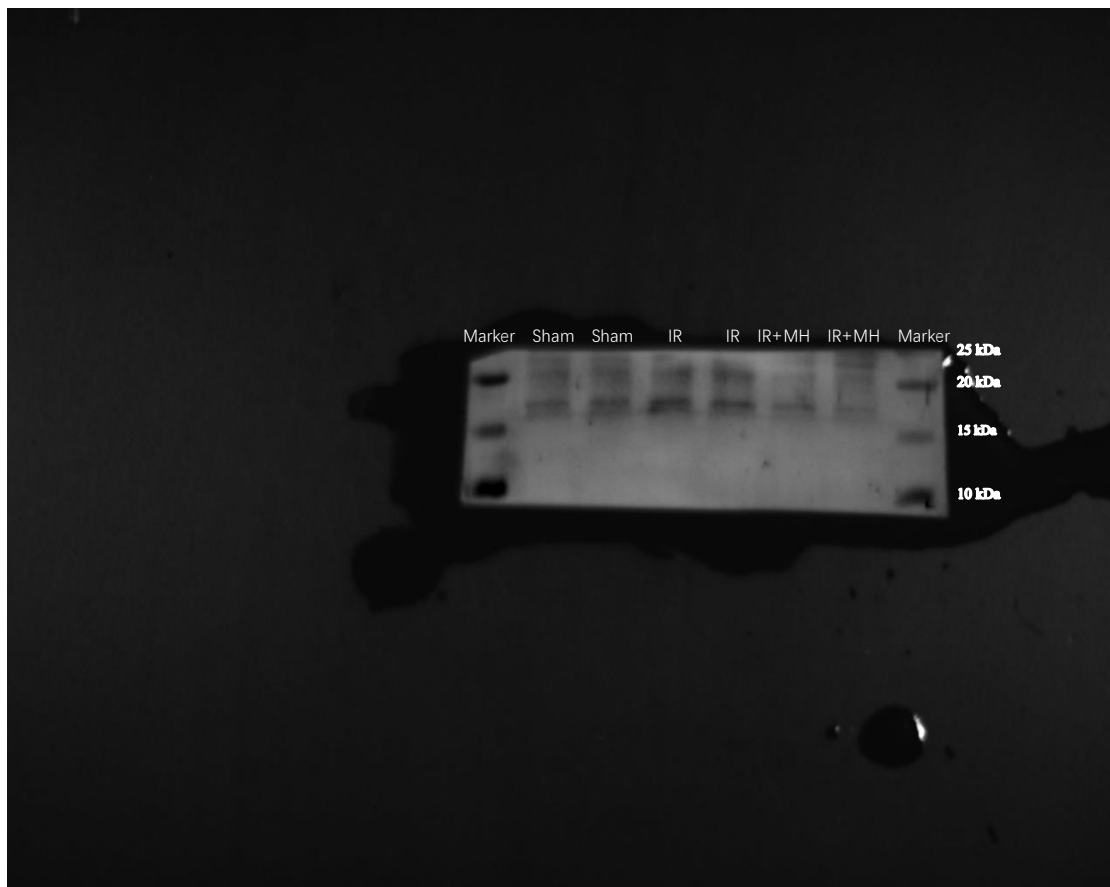
Western blot analysis of MKK7 protein expression. The blot shows bands for MKK7 across lanes: Marker, Sham, sham, IR, IR, IR+MH, IR+MH, and Marker. Molecular weight markers are indicated on the right at 70 kDa, 50 kDa, and 40 kDa. The IR and IR+MH lanes show a prominent band at approximately 50 kDa, while the Sham and sham lanes show a band at approximately 40 kDa.

Western blot analysis of p38 phosphorylation. The blot shows bands for p38 in various lanes: Marker, Sham, Sham, IR, IR, IR, IR+MH, IR+MH, IR+MH, and Marker. Molecular weight markers are indicated on the right at 70 kDa, 50 kDa, and 40 kDa. The IR and IR+MH lanes show a shift in the p38 band, indicating phosphorylation.

g. Western blotting analysis of S100A8 in the three groups.



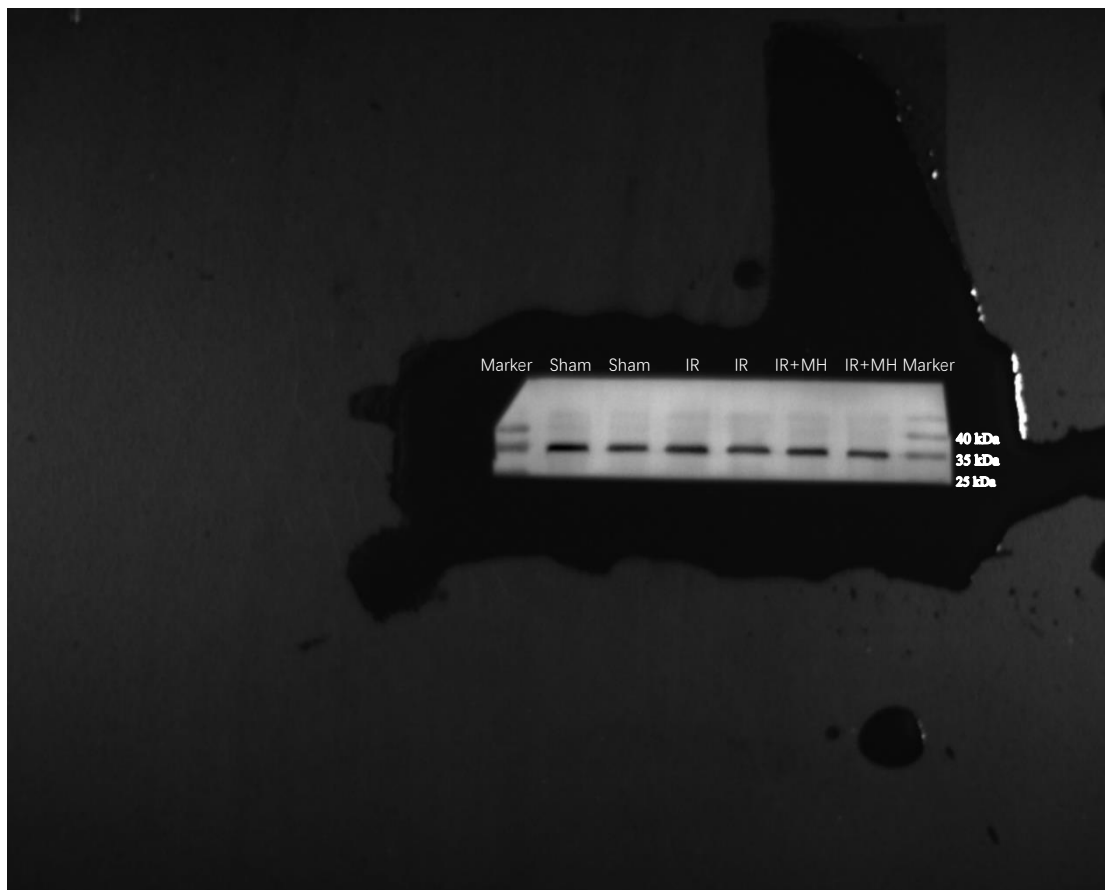
h. Western blotting analysis of S100A8 in the three groups.



i. Western blotting analysis of GAPDH in the three groups.



j. Western blotting analysis of GAPDH in the three groups.



k. Western blotting analysis of GAPDH in the three groups.



Sham: Sham-operation group; IR: cerebral IR injury followed by normothermia (37°C) group; IR+MH: cerebral IR injury followed by 4 h of MH (32°C) group.