

```
bool search(int* nums, int numsSize, int target) {  
    int left = 0, right = numsSize - 1;  
  
    while (left <= right) {  
        int mid = left + (right - left) / 2;  
  
        if (nums[mid] == target)  
            return true;  
  
        if (nums[left] == nums[mid]) {  
            left++;  
            continue;  
        }  
  
        if (nums[left] < nums[mid]) {  
            if (nums[left] <= target && target < nums[mid])  
                right = mid - 1;  
            else  
                left = mid + 1;  
        }  
        else {  
            if (nums[mid] < target && target <= nums[right])  
                left = mid + 1;  
            else  
                right = mid - 1;  
        }  
    }  
    return false;  
}
```